MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

INFINITI - NISSAN

This section contains:

UPDATED PROCEDURES

Last revised on March 1st, 2013

Supercedes ANY & ALL Prior publications.

- 2000 Nissan Altima (part of ADS-112)
- Old Style Infiniti-Nissan (part of ADS-112)
- Infiniti-Nissan "Type 4" (part of ADS-112)
- Infiniti-Nissan CAN & PROX (part of ADS-159)
- 2009 Nissan (part of ADS-169)
- 2011-2012 Nissan Leaf (part of ADS-169)
- 2011+ Models with No Prox Slot (part of ADS-159)

(Use these procedures when "Type 10 special instructions" are called for in the 2013 KEY-GUIDE.

- 2013 Infiniti-Nissan Prox (part of ADS-197)

MVP & TCODE - *PRO*

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Newer Infiniti-Nissan models require a PIN Code to Program keys.

Here is the breakdown for what is needed for the different systems:

• 1997-2000 - Type 2 & 3 Systems:

No Pin Code is needed or on some 2000's it is "5523".

• 2001-2008 - Type 4 Systems & later CAN / PROX Systems

There are 2 types of PIN Codes needed for Infiniti-Nissan systems. Older Type 4 systems, all use the same PIN Code: "5523".

The second type, which was first introduced in 2003 on the G35, requires the user to retrieve the serial number from the BCM (Body Control Module) and convert the BCM number to a pin code.

The BCM serial number can be retrieved by either looking at the label attached to the BCM or by using the software in the MVP / TCODE to "read" the BCM serial number. The BCM serial number is always 5 digits long and may contain some letters and numbers or just numbers.

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software
OR
We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

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N.A.S.T.F.

The National Automotive Service Task Force is a not-for-profit, no-dues task force established to facilitate the identification and correction of gaps in the availability and accessibility of automotive service information, service training, diagnostic tools and equipment, and communications for the benefit of automotive service professionals. NASTF is a voluntary, cooperative effort among the automotive service industry, the equipment and tool industry, and automotive manufacturers.

The NASTF “Registry” is the foundation of the Secure Data Release Model; it is a repository of secure, background checked Vehicle Security Professionals (VSP). A VSP is an automotive locksmith or repair technician who specializes in services that require use of security-related service information. These services include immobilizer resets, component replacements that require initialization of security systems and creation/registration of high security keys. Locksmiths and technicians who have a need to access automaker security-related service information can apply for inclusion in the Registry.

The NASTF “Registry” process requires completion of a comprehensive application and submission to the NASTF Registry Administrator. The Registry is administered by the Associated Locksmiths of America (ALOA). Trade association membership is not required to be included in the Registry.

Applicants to the Registry agree to undergo a background check and abide by the Registry Terms & Conditions of Use. Details can be found on the NASTF Registry Website.

http://www.nastf.org

(or)

http://www.aloa.org/NASTFSDRMDocs/

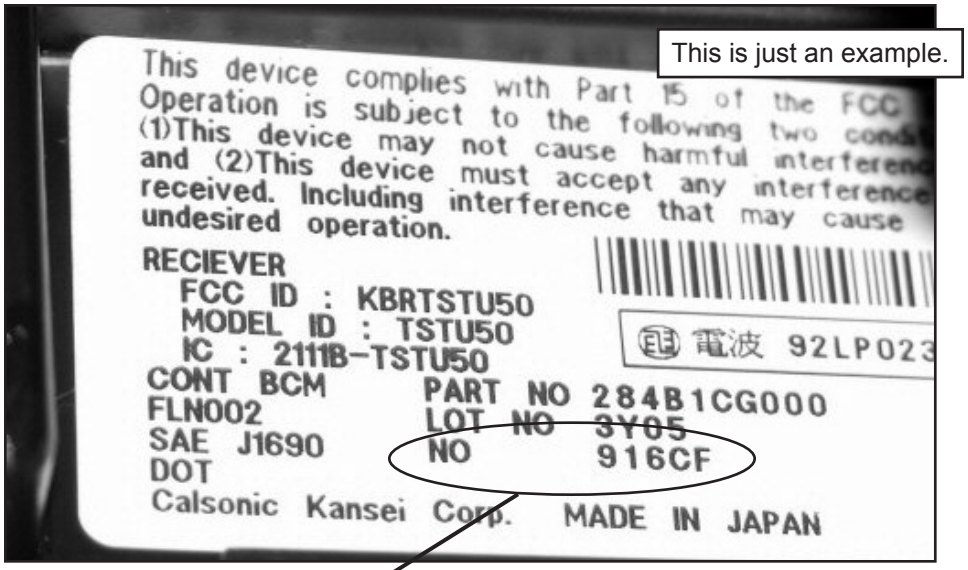
Once you have signed up with NASTF and have a NASTF I.D. - You will be able to go to almost any automobile manufactures website and subscribe to their “tech” service as either an after-market technician or as a Locksmith security person and have access to Key Codes, BCM Code Conversions and/or Pin Codes.

Each manufacture charges a fee, except for KIA, which is free. Since subscribing to all these manufactures web sites would cost you a fortune, it would be better to pick and choose the ones you would use the most of. Remember you will need to keep ownership records of the vehicles you request information about.

BCM Conversion

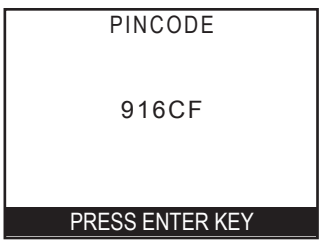
The BCM serial number can be retrieved by either looking at the label attached to the BCM or by using the software in the MVP / TCODE to “read” the BCM serial number. The BCM serial number is always 5 digits long and may contain some letters and numbers or just numbers.

BCM BOX



BCM Serial Number

In most case’s (except on the BCM’s we show pics and locations here) you can use MVP / TCODE to “read” the BCM serial number.



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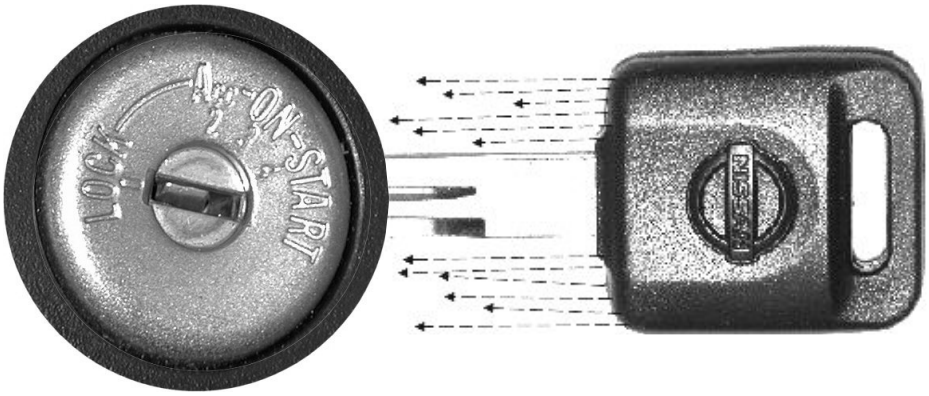
Special Note for

Improper Key Programming

You must cut all keys you want to program into the vehicle.

Do Not tape a mechanical key next to a transponder key for the purpose key programming. This also applies to “holding” the transponder key next to the mechanical key. Where this method may work in some cases, it will eventually cause you to call Tech Support with a programming key problem. Tech Support for this “situation” is not supported at all.

< < Nissan chips are directional > >



The Transponder Induction Wave is not always the same and does not extend out very far. The Wave cannot pick up keys out of its area.

MVP & TCODE - *PRO*

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U.S. Patent #7315238

Infiniti - Nissan Key Programming

2000 Nissan Altima

(with a production date before June 2000)

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Nissan 2000 Altima - System 3

- What You Need To Program Keys -

MVP & T-CODE PRO

U.S. Patent #7315238

+

ADC151 or ADC250

PIN	*PRO DONGLE*
No Pin Required	**F - Dongle - WHITE**

2000 Nissan Altima - Program Keys

- Program Keys - Program Keys - Program Keys -

NOTE: All current keys will be erased.

Re-program any you wish to continue to work along with any new ones.

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION
EURO
> USA
(Always select USA)

VEHICLE SELECTION
TYPE 1
TYPE 2
> TYPE 3
TYPE 4
TYPE 5
TYPE 6

NOTE :
2000 Altima's made before June 2000 have been found to use TYPE 3 protocol.

SWITCH IGNITION ON
PRESS ENTER KEY

REMINDER:

MVP & TCODE users:
Are you using the Special Cable for this Altima and the Nissan Adaptor?

PLEASE WAIT
TRYING TO COMMUNICATE

ECU IDENTIFICATION
NATS 4 PETROL
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU
> PROGRAM KEYS

PROGRAMMING KEYS
PLEASE WAIT

PROGRAM KEYS
PROCEDURE COMPLETE

DISCONNECT TESTER
FROM VEHICLE
PLEASE PROGRAM
IF NECESSARY
PRESS ENTER KEY

1 KEY -
After program, the key in the IGNITION will be registered.

- -

2 or More KEYS -
For 2 or more Keys follow this procedure:

> Insert next key. Turn ignition ON for 5 seconds. Then turn off and remove key.

> Repeat for up to 5 keys.

> After the final key has been registered, re-insert and turn ON the very first key you started with and remove after 5 seconds.
This is very important to close the cycle.

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

Infiniti - Nissan
Key Programming

Old Style Nissan
Port Models
Type 2 & 3

- Do not use this for 2000 Altima -

Infiniti - Nissan Old Style Port - Type 3

- What Hardware You Need -

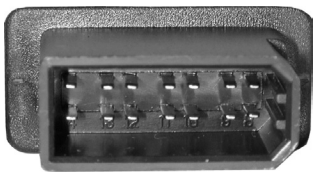
MVP & T-CODE PRO

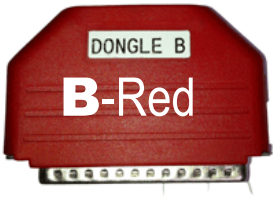
U.S. Patent #7315238

+

ADC118 / 136

SPECIAL CABLE



PIN	*PRO DONGLE*
No Pin Required	 **PRO - B - Dongle**

YOU MUST TURN ON THE IGNITION TO POWER UP THE UNIT.

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Infiniti - Nissan Old Style Port - Type 3

- 1999 Infiniti I30 & Nissan Maxima -

- Using the Correct Key -

JET DA31-N-PHT

Bianchi NSN11-T2

Silca NSN11-T2

Bianchi, Jet, Ilco & Silca keys must be cloned first to use otherwise they will not work, at all. After-market keys can be used only if they are cloned from any original of the same type FIRST.

Factory Keys do not need anything done to them, they are ready to go.

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Infiniti - Nissan Old Style Port - Type 3

A PIN code is not needed for Infiniti-Nissan models using System 3 in the U.S.

Some 1997-2000 Infiniti-Nissan models in the U.S. use a special OBD cable to connect to the vehicle's computer. This cable is supplied with your device.

We call this the "Old Style Nissan" cable.

The Old Style Nissan cable is used whenever you see this port. If you see the Old Style Nissan port and the standard OBD 2 port, always use the Nissan Old Style port.

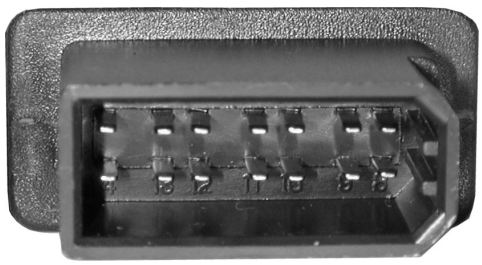
The Q45 has a port that is hidden under a black cover on the very bottom of the dash.

The 1999 Infiniti I30 & Nissan Maxima have a port located in the Fuse Panel.

The 1999-2000 Infiniti QX4 & Nissan Pathfinder have the port exposed on the very bottom of the dash.

<u>Important Note:</u> You must have all existing keys present, if you want them to continue to start the vehicle. All keys are erased during this process and are considered "New" again and must be added back into the Immobilizer system.

ADC-118 or ADC-136



YOU MUST TURN ON THE IGNITION TO POWER UP THE UNIT.

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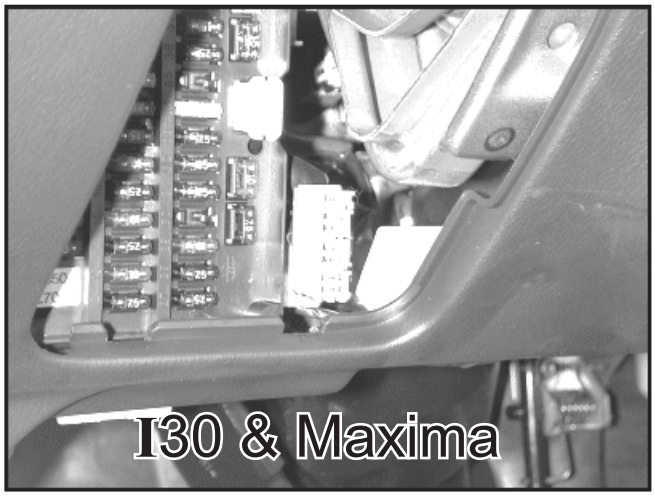
Infiniti - Nissan Old Style Port - Type 3

The 1999-2000 Infiniti QX4 & Nissan Pathfinder have the port exposed on the very bottom of the dash.

The Q45 has a port that is hidden under a black cover on the very bottom of the dash.



The 1999 Infiniti I30 & Nissan Maxima have a port located in the Fuse Panel.

Infiniti - Nissan Old Style Port - Type 3

- Program Keys - Program Keys - Program Keys -

NOTE: All current keys will be erased.

YOU MUST TURN ON THE IGNITION TO POWER UP THE UNIT.

REMINDER:

MVP & TCODE users:
Are you using the Special Cable for this Altima and the Nissan Adaptor?

PROGRAMMING KEYS

PLEASE WAIT

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM KEYS
PROCEDURE COMPLETE

DISCONNECT TESTER
FROM VEHICLE
PLEASE PROGRAM
IF NECESSARY

PRESS ENTER KEY

VEHICLE SELECTION

EURO
> USA

(Always select USA)

ECU IDENTIFICATION

NATS 4 PETROL

PRESS ENTER KEY

1 KEY -
After program, the key in the IGNITION will be registered.

- -

2 or More KEYS -
For 2 or more Keys follow this procedure:

> Insert next key. Turn ignition ON for 5 seconds. Then turn off and remove key.

> Repeat for up to 5 keys.

> After the final key has been registered, re-insert and turn ON the very first key you started with and remove after 5 seconds.
This is very important to close the cycle.

VEHICLE SELECTION

TYPE 1
TYPE 2
> TYPE 3
TYPE 4
TYPE 5
TYPE 6

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

SWITCH IGNITION ON

PRESS ENTER KEY

DIAGNOSTIC MENU

> PROGRAM KEYS

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Special Instructions for

2002-06 Infiniti Q45 & 2003-04 M45

BCM Location:
Right by OBD port with label facing shifter, don't need to take anything apart to get to it.

BCM does not look like other BCM's Black box with white label that has a 4 digit number, then a barcode then says unit# and 5 digit BMC serial #

Program OEM Remote Key (teardrop) keys as follows:

1) Insert working metal key in Ign and turn on.

2) Go into Nissan then Euro then Almera, insert pin code. (2002 uses fixed 5523. 2003-2006 uses Random BCM Supercodes Pin) (Regular cable, black dongle on Pro)

3) Remove metal key from Ign and place each teardrop key to be programmed into Ign without turning on. Theft light blinks 5 times for each key. (Max 4 keys)

4) Start car with 1st key used to close out programming.

5) Program RKE buttons on board same as other Nissan remotes.

Note: Used remotes are re-usable, as sub can use an NI02 chip. If using an NI02 blank the rubber head would need to be shaved down to fit all the way into Ignition.

The “IMMU” Serial number is “10E80” on this car and is right on top of the barcode. Serial Number “10E80” converts to PIN “8033”.

“8033” is the PIN you would enter using the MVP or T-CODE.

The mechanical Master key slides in and out of the Remote Unit.

The Master mechanical key is the standard Nissan type 10-cut keyway, using the same code series 0001-22186.

M45 & Q45 models equipped with this style Remote.

Remote Program Procedure: (No tester needed)

The Remote buttons must be programmed before the transponder chip in the Remote can be programmed.

→ Sit in car and close & lock all the doors.

→ Use the mechanical metal key to insert & remove into the igniton lock cylinder very fast 6 times within 10 seconds.

→ Note: Make sure each time you remove the key all the way.

→ The emergency warning lights should blink twice.

→ Insert the mechanical metal key and turn to the “ACC” position.

→ Press any button on the Remote and the emergency warning lights should blink twice. If only programming one remote, open the drivers door to close the cycle. Double check Remote functions.

→ If programming more than one Remote, use the drivers door electric lock buttons to Unlock the door and then to Lock it again. Press any button on the Remote and the emergency warning lights should blink twice.

→ You can program up to 4 Remotes this way. Opening the drivers door will close the cycle.

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MVP & TCODE - *PRO*

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U.S. Patent #7315238

Infiniti - Nissan
Key Programming

Type 4

Use when the Applications Guide lists Nissan Type 4

Infiniti - Nissan Type 4

Hardware for *Type 4* system

MVP & T-CODE PRO

U.S. Patent #7315238

+

ADC151 or ADC250

PIN	*PRO DONGLE*
4-Digit Pin Required	**A**-Black

Note: You can convert BCM CODES with the ADC-198 on TYPE4 but the ADC-198 Can't be used in place of the A dongle.

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Infiniti - Nissan Type 4

Newer Infiniti-Nissan models require a PIN Code to Program keys.

Here is the breakdown for what is needed for the different systems:

• Type 4 Systems:
There are 2 types of PIN Codes needed for Infiniti-Nissan systems. Older Type 4 systems use the same PIN Code: “5523”.

The second type, which is also the newer type, requires the user to retrieve the serial number from the BCM (Body Control Module) and convert it to a PIN Code that the vehicle will accept. (See intro for information)

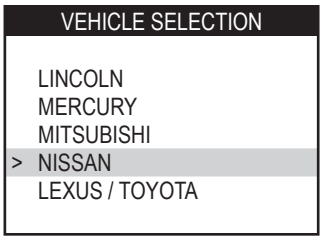
The BCM serial number can be retrieved by either looking at the label attached to the BCM or by using the software in the MVP / TCODE to “read” the BCM serial number under “Type 8”. The BCM serial number is always 5 digits long and may contain some letters and numbers or just numbers.

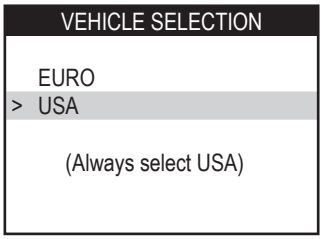
Once you have the BCM serial number and convert it to the PIN Code. You can then use that PIN Code to program keys or PROX remotes.

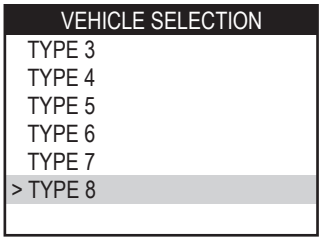
See **BCM CODE READ OUT - Next 2 pages**

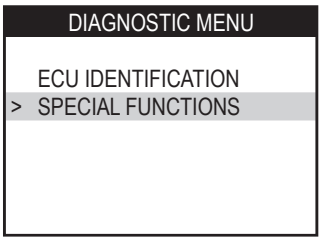
BCM CODE READ OUT

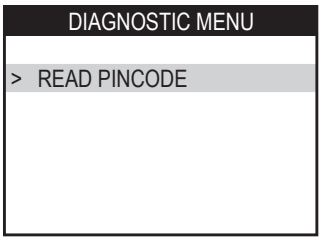
NOTE: The BCM Code Read Out does not work on all models, because not all models had this feature from the factory.

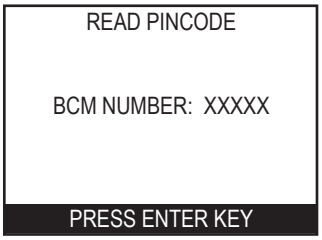












NOTE: If you get a BCM code that has all “FFFFF” or “12FFF” these are not good BCM codes. Make sure you have the key turned on and try again.

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Infiniti - Nissan Type 4

- Program Keys - Program Keys - Program Keys -

NOTE: All current keys will be erased.

Re-program any you wish to continue to work along with any new ones.

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAMMING KEYS

PLEASE WAIT

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

ECU IDENTIFICATION

NATS 5

PRESS ENTER KEY

PROGRAM KEYS
PROCEDURE COMPLETE

DISCONNECT TESTER
FROM VEHICLE
PLEASE PROGRAM
IF NECESSARY

PRESS ENTER KEY

VEHICLE SELECTION

EURO
> USA

(Always select USA)

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

1 KEY -
After program, the key in the IGNITION will be registered.

- -

2 or More KEYS -
For 2 or more Keys, follow this procedure:

> Insert next key. Turn ignition ON for 5 seconds. Then turn off and remove key.

> Repeat for up to 5 keys.

> After the final key has been registered, re-insert and turn ON the very first key you started with and remove after 5 seconds.
This is very important to close the cycle.

VEHICLE SELECTION

TYPE 1
TYPE 2
TYPE 3
> TYPE 4
TYPE 5
TYPE 6

DIAGNOSTIC MENU

> PROGRAM KEYS

SWITCH IGNITION ON

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

Infiniti - Nissan Type 4

Type 4 - PIN Code System & Location

MODEL	YEAR	PIN	BCM / IMMU LOCATION
ALTIMA	2001-2004	5523	Use 5523 as the PIN
	2005-2006	Random	Use “Type 8” to “Read” BCM Code
ARMADA	2004-2006	Random	Use “Type 8” to “Read” BCM Code
FX35 /FX45	2004-2006	Random	Use “Type 8” to “Read” BCM Code
G20	2000-2002	5523	Use 5523 as the PIN
G35	2003-2006	Random	Next to Fuse Panel
I30 & I35	2000-2004	5523	Use 5523 as the PIN
M45	2006-2008	Random	Use “Type 12” to “Read” BCM Code
MAXIMA	2000-2003	5523	Use 5523 as the PIN
	2004-2007	Random	Use “Type 8” to “Read” BCM Code
MURANO	2003-2006	Random	On BCM Box, Under Dash
PATHFINDER	2001-2004	5523	Use 5523 as the PIN
	2005-2007	Random	Use “Type 8” to “Read” BCM Code
QUEST	2004-2007	Random	Use “Type 8” to “Read” BCM Code
QX4	2001-2004	5523	Use 5523 as the PIN
SENTRA	2000-2006	5523	Use 5523 as the PIN
	2007	Random	Use “Type 8” to “Read” BCM Code
TITAN	2004-2007	Random	Use “Type 8” to “Read” BCM Code
VERSA	2007	Random	Use “Type 8” to “Read” BCM Code
350Z	2003-2004	Random	On BCM Box, Next to Fuse Panel
	2005-2007	Random	Use “Type 8” to “Read” BCM Code

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350Z PIN CODES

A PIN code is **needed** for Infiniti-Nissan models using a System 4 in the U.S. through 2002. This PIN code is the same (5523) on all current models through 2002.

Some new models now use a random PIN code. This is done by converting the BCM (Body Control Module) identification number to a PIN. The BCM is located next to the fuse panel. The dealer uses a software program called “ASSIST” to convert the BCM code. This new random PIN code may also be incorporated into new models as they come out.

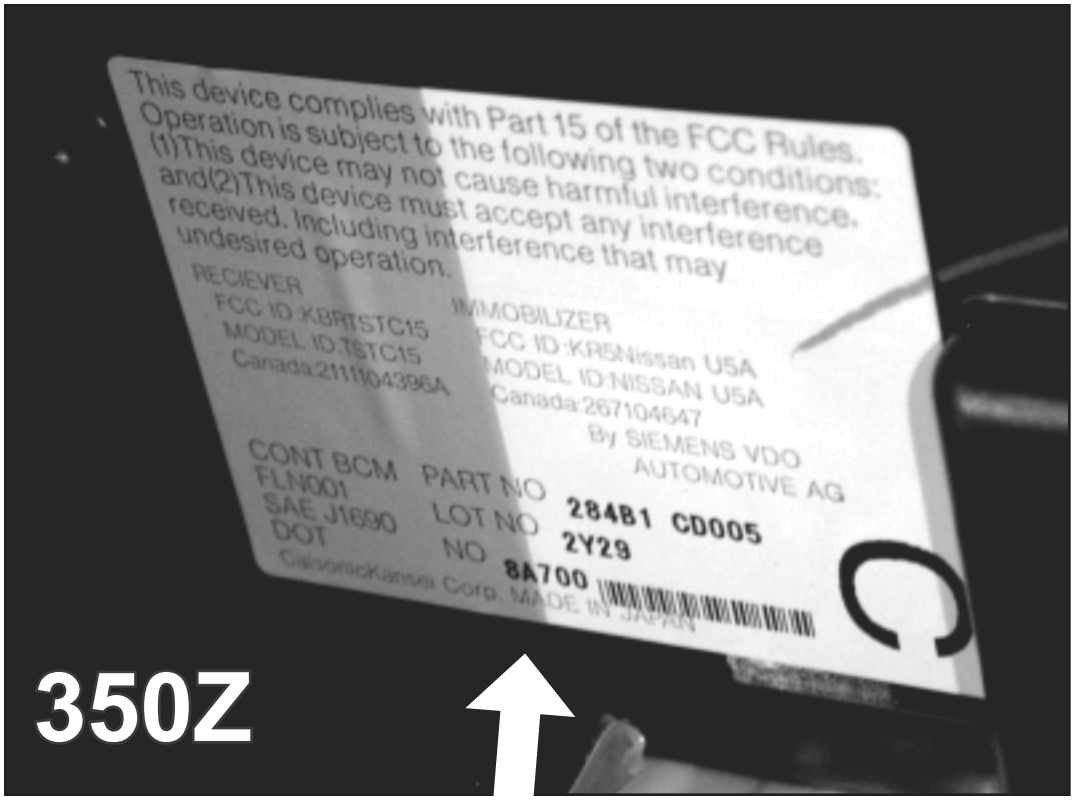
Infiniti-Nissan models using a System 4 in the U.S. will use the standard OBD2 cable and no adapter.

Important Note: You must have all existing keys present if you want them to continue to start the vehicle. All keys are erased during this process and are considered “New” again and must be added back into the Immobilizer system.

The BCM modules on these pages are shown because because the BCM serial number must be READ right off the paper label. They can’t be read thru the OBD port like the later one’s used from 2004-2012.

The 350Z uses a Random PIN Code that must be converted from the serial number on the BCM (Body Control Module), which is located next to the fuse panel on the inside driver’s side kick panel.

350Z PIN CODES



Example:
The 350Z BCM Serial number is “8A700” on this car and is right next to the barcode. Serial Number “8A700” converts to PIN “2164”.

“2164” is the PIN you would enter using the MVP or TCODE.

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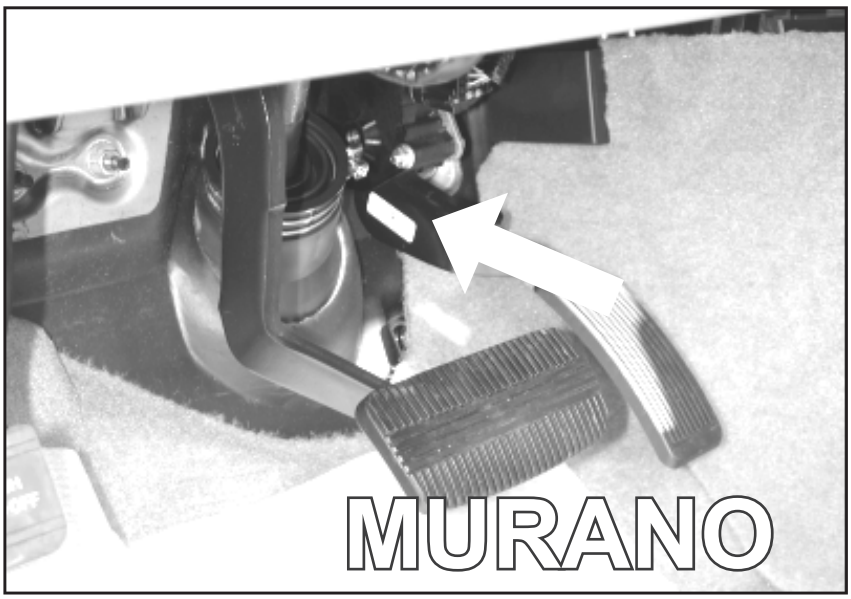
MURANO PIN CODES



The Murano uses a Random PIN Code that must be converted from the serial number on the BCM (Body Control Module) which is located under the dash to the right of the steering column.

The Murano's BCM (Body Control Module) is blocked by some wiring and may not be noticeable right away.

You really have to bend your neck to find this one.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference, and(2)This device must accept any interference received. Including interference that may undesired operation.
RECIEVER
FCC ID:KBRTSTC15
MODEL ID:TSTC15
Canada:2111104396A
IMMOBILIZER
FCC ID:KR5Nissan USA
MODEL ID:NISSAN USA
Canada:267104647
By SIEMENS VDO AUTOMOTIVE AG
CONT BCM
FLN001
SAE J1690
DOT
PART NO 284B1 CA010
LOT NO 2Y26
NO 85010
CalsonicKansei Corp. MADE IN JAPAN

Example:

The Murano BCM Serial number is "85010" on this car and is right next to the barcode. Serial Number "85010" converts to PIN "8356".

"8356" is the PIN you would enter using the MVP or TCODE.

FX35 / FX45 PIN CODES

The “Security” light is in the instrument cluster.

BCM

Infiniti

FX35

FX45

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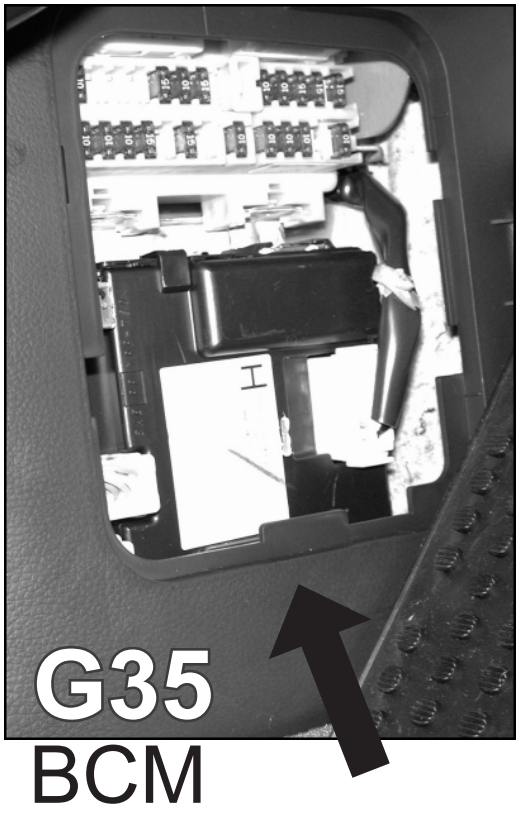
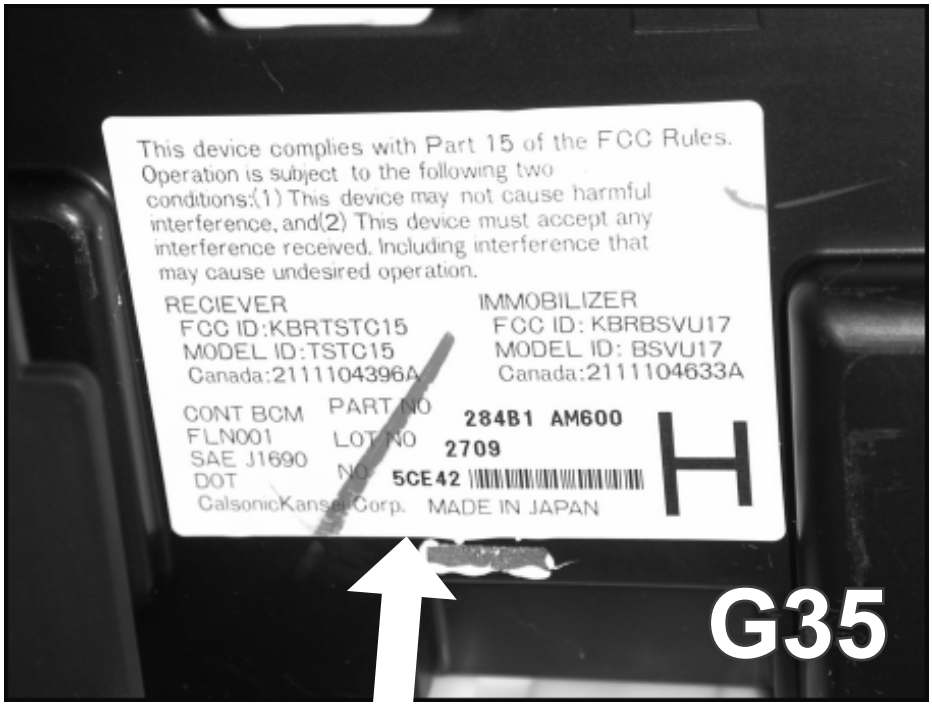
G35 PIN CODES



The G35 uses a Random PIN Code that must be converted from the serial number on the BCM (Body Control Module), which is located next to the fuse panel on the inside drivers side kick panel.

Example:
The G35 BCM Serial number is “5CE42” on this car and is right next to the bar-code. Serial Number “5CE42” converts to PIN “9684”.

“9684” is the PIN you would enter using the MVP or TCODE.



MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

INFINITI / NISSAN CAN & PROX User's Manual

ADS-159

(Optional Software on some TCODE Units)

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

INFINITI / NISSAN CAN & PROX

- What You Need To Program -

MVP & T-CODE PRO

U.S. Patent #7315238

+

ADC151 or ADC250

PIN	*PRO DONGLE*
4-Digit Pin Required (Convert BCM)	**A**-Black OR ADC-198

Use BETA and the ADC-198
in place of the A Dongle.

INFINITI / NISSAN CAN & PROX

"TWIST" ON IGNITIONS

CAN KEYED
(NON-PROX)

PUSH START
BUTTON

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

INFINITI / NISSAN CAN KEYED

(part of ADS-159)

Can Keyed Ignition System

(Optional Software on some TCODE Units)

General Characteristics

NORMAL IGNITION

STANDARD KEY

The Infiniti / Nissan CAN 1 procedure is for the SENTRA & VERSA models that do NOT have PROX Remote system. There is no “Twist” knob on the ignition.

A Dealer key can be used or the after-market key N104-SCT from National Auto Lock.

This programming procedure is easier than the ones that have PROX remote system.

There are 3 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle’s memory.

2 - Convert BCM Code to PIN Code.

3 - Program all new and existing keys.

The following pages will explain the procedure step-by-step. Each main step of the procedure requires the OBD2 cable to be disconnected from the vehicle before proceeding with the next step.

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NISSAN CAN Keys

'07-'12 Sentra & Versa

HO564-ET00E
Dealer Key

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

'07-'12 Sentra & Versa

NI04
After-Market Key

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

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INFINITI / NISSAN TYPE 9 CAN

KEY IGNITION

FIRST STEP - *Read BCM Code*

VEHICLE SELECTION	IGNITION OFF	DIAGNOSTIC MENU
LINCOLN MERCURY MITSUBISHI > NISSAN LEXUS / TOYOTA	PRESS ENTER KEY	> READ BCM

VEHICLE SELECTION	PLEASE WAIT TRYING TO COMMUNICATE	BCM
EURO > USA (Always select USA)		

VEHICLE SELECTION	ECU IDENTIFICATION	BCM
TYPE 4 TYPE 5 TYPE 6 TYPE 7 TYPE 8 > TYPE 9	BCM (CAN) PRESS ENTER KEY	XXXXX PRESS ENTER KEY

VEHICLE SELECTION	DIAGNOSTIC MENU	DISCONNECT FROM THE OBD2 PORT.
> BCM (CAN) NATS 5 (CAN) KEY NATS 5 (CAN) PROX	ECU IDENTIFICATION > SPECIAL FUNCTIONS	**IMPORTANT**

MVP & TCODE - *PRO* - Powered by *ADVANCED DIAGNOSTICS USA*

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN TYPE 9 CAN

KEY IGNITION

THIRD STEP - *Program Keys*

NOTE: All current keys will be erased.

Re-program any existing along with any new ones.

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION

EURO
> USA

(Always select USA)

VEHICLE SELECTION

TYPE 5
TYPE 6
TYPE 7
TYPE 8
> TYPE 9
TYPE 10

VEHICLE SELECTION

BCM (CAN)
> NATS 5 (CAN) KEY
NATS 5 (CAN) PROX

ECU IDENTIFICATION

NATS 5 (CAN) KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> PROGRAM KEYS

SECURITY CODE

_ _ _ _

PROGRAMMING KEYS

KEY PROGRAMMED

PRESS ENTER KEY

1 KEY -
Remove the key and re-insert and turn to the ON position. Wait 10 seconds - the key should now be programmed.

---

2 or More KEYS -
For 2 or more Keys follow this procedure:

> Insert next key. Turn ignition ON for 8 seconds. Then turn off and remove key.

> Repeat for up to 4 keys.

> After the final key has been registered, re-insert and turn ON the very first key you started with and remove after 8 seconds.
This is very important to close the cycle.

DISCONNECT FROM THE OBD2 PORT.

MVP & TCODE - *PRO* - Powered by *ADVANCED DIAGNOSTICS USA*

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

INFINITI / NISSAN PROXIMITY TWIST KNOB

TYPE 9 CAN

(part of ADS-159)

(Optional Software on some TCODE Units)

INFINITI / NISSAN

TYPE 9 CAN

PROXIMITY TWIST IGNITION

INFINITI Factory PROX & Keys

‘03-’04 FX Models

285E3-CG025
‘03-’04 FX Models
PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

‘03-’04 FX Models

HO564-CG005
‘03-’04 FX Models
Emergency Key
for PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

‘03-’04 FX Models

HO565-CG005
‘03-’04 FX Models
Valet Key

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

Also known as “Intelligent Key System”

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN

TYPE 9
CAN

PROXIMITY
TWIST IGNITION

INFINITI - NISSAN Factory PROX & Keys

285E3-CL01D
‘05-’07 FX
PROX Remote

285E3-AC70D
‘05-’06 G35
PROX Remote

285E3-EW81D
2007 Sentra
2007 Maxima
PROX Remote

285E3-CB80D
‘05-’07 Murano
PROX Remote

HO564-7W010
‘05-’07 FX
‘05-’06 G35
2007 Maxima
‘05-’07 Murano
2007 Sentra
2007 Versa
Emergency Key
for PROX Remote

HO564-CB020
‘05-’07 Murano Models
Emergency Key
for PROX Remote

HO565-CG005
‘05-’07 FX Models
‘05-’06 G35 Models
Valet Key

HO565-CB010
2007 Maxima Models
‘05-’07 Murano Models
Valet Key

Also known as “Intelligent Key System”

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

NISSAN Factory PROX & Keys

HO564-7W010
2007 Sentra Model
2007 Versa Model
Emergency Key
for PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

285E3-EW81D
2007 Sentra Model
PROX Remote

285E3-EM30D
2007 Versa Model
PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

Also known as "Intelligent Key System"

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Twist Knob System Components

There are 4 different electronic parts to the Infiniti / Nissan Vehicle.

Twist knob Ignitions

1) The face of the ignition lock has a plastic “Twist” knob instead of the common metal face.

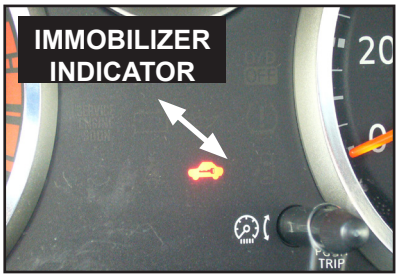
Behind the Twist knob is a fully functional metal ignition lock assembly with just 1 tumbler in it.

The ignition locking mechanism is controlled by a electrical solenoid for turning & security.

2) Looking into the instrument cluster you will see an Indicator light for the PROX system, also known as “Intelligent Key System”.

If you push inward on the Twist knob the indicator light will turn Green if it detects a registered PROX remote.

A Red indicator light will mean that no registered PROX remotes are present.

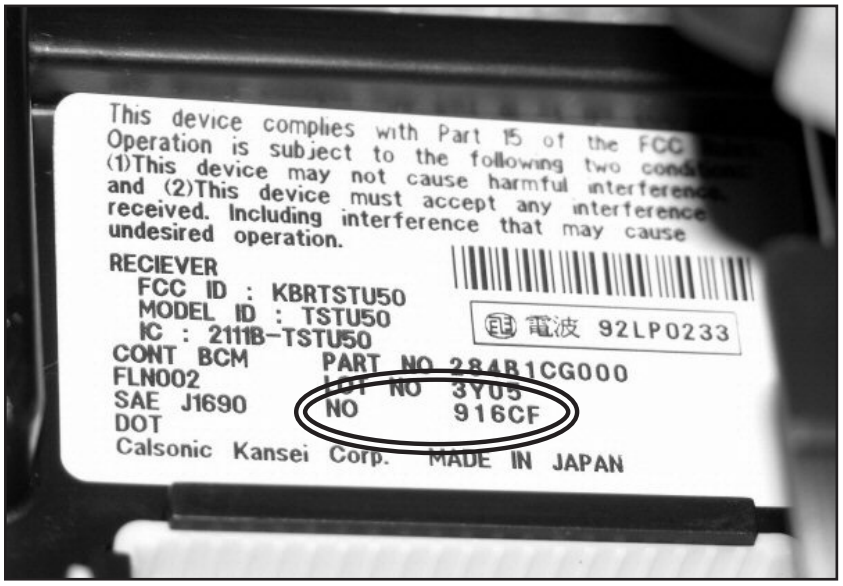


Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Vehicle Components

3) As part of the PROX system there are “Access” buttons on the front door handles and on the rear hatch.

Once a PROX remote is detected close enough to the vehicle, the buttons can be used to lock or unlock the vehicle.



4) The vehicle has a “BCM’ unit.

The BCM (Body Control Module) allows the programming of keys and remotes into its memory.

To program keys and remotes (PROX) you will need a PIN Code. The BCM has a serial number on it that can be converted to the PIN Code.

Usually its possible to READ the label number using the PRO thru the OBD port.
The BCM is usually located near the inside fuse panel, however it can be in digfferent locations depending on the model and year of the car.

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INFINITI / NISSAN

TYPE 9 CAN

PROXIMITY TWIST IGNITION

Valet Keys

A VALET KEY can be programmed in if all the customer wants is for the car to start.

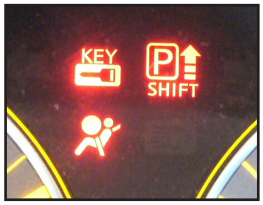
The “Twist” knob ignition lock has a slot in the center that allows the smaller head Valet key to enter.

Even though the key is cut - if the key is not programmed to the vehicle it will not turn in the lock.

The steering lock mechanism will prevent the lock from turning even with the correct cut key.

Test the PROX System

Push in on the Ignition “Twist” knob and check for the Indicator light in the instrument cluster. If the Indicator light turns Green that means there is a remote (PROX) that is within the vehicle and is already registered.



If the customer has lost their remotes (PROX) and you still get the Green indicator light - that means there is a remote hidden in the vehicle somewhere. Trying looking in the glove box, between the seats, under the seats, under the mats, in the center console, somewhere there is a remote.

If the light turns Red that means no registered PROX remotes are present. You may have one in your hand but it is not registered yet or programming failed and you must start over.

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General Info Twist Knob Systems

"TWIST" ON IGNITION	PROX REMOTE	Emergency Key with Chip

There are 5 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle's memory.

2 - Convert BCM Code to PIN Code.

3 - Release Steering Lock mechanism.

4 - Program all new and existing Emergency Keys with Chip.

5 - Program Prox Remote.

A few very important ground rules to always follow when using PROX TYPE 9 are :

A - If you already have a working PROX you still need to follow the all the procedures However, You must NOT have the already programmed PROX inside the car When performing the Steering Lock Release.

The following pages will explain the procedure step-by-step.

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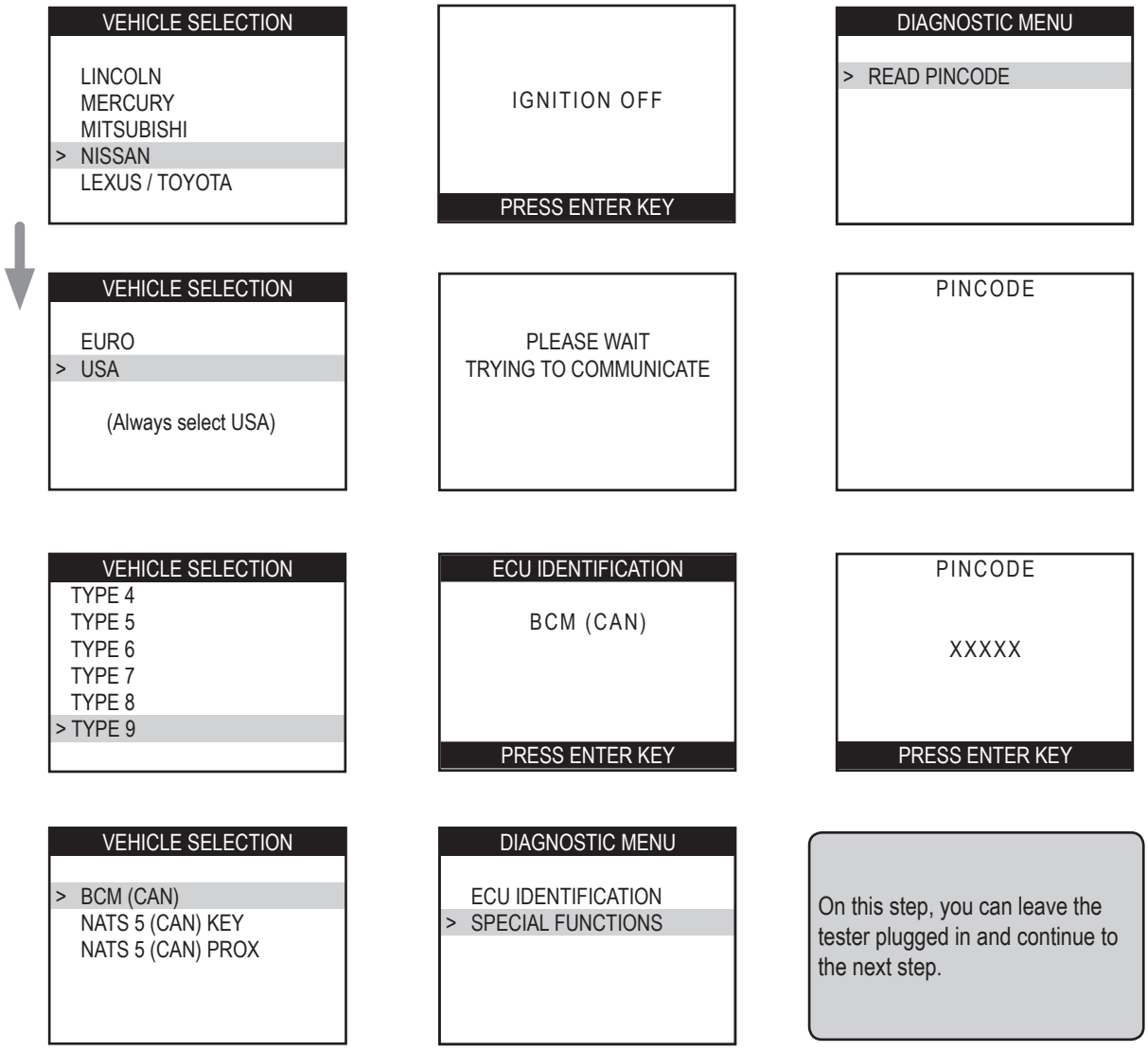
INFINITI / NISSAN

TYPE 9 CAN

PROXIMITY TWIST IGNITION

FIRST STEP - *Read BCM Code*



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SECOND STEP - *Convert BCM Code*

The BCM serial number can be retrieved by either looking at the label attached to the BCM or by using the software in the MVP / TCODE to “read” the BCM serial number. The BCM serial number is always 5 digits long and may contain some letters and numbers or just numbers.

Once you have the cars BCM serial number you can convert it into a pin using our-
CODEWIZARD PC software
OR
We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198.

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INFINITI / NISSAN

TYPE 9 CAN

PROXIMITY TWIST IGNITION

THIRD STEP - *Release Steering Lock*

Make sure the ignition is off.

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION

EURO
> USA

(Always select USA)

VEHICLE SELECTION

TYPE 5
TYPE 6
TYPE 7
TYPE 8
> TYPE 9
TYPE 10

VEHICLE SELECTION

BCM (CAN)
NATS 5 (CAN) KEY
> NATS 5 (CAN) PROX

IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION

NATS 5 (CAN) PROX
ECU NO. CF40A

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> STEER LOCK RELEASE
REGISTER INTELI KEY
ERASE INTELI KEY

IMPORTANT -------->

SECURITY CODE

– – – –

SECURITY CODE

X X X X

IS CODE CORRECT
OK=ENTER CLEAR=BACK

STEER LOCK RELEASE

SUCCESS

PRESS ENTER KEY

In most cases you should actually hear the Steering Lock Mechanism release.

DISCONNECT FROM THE OBD2 PORT.

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

FOURTH STEP - *Program Keys*

NOTE: All current keys will be erased.

Re-program any you wish to continue to work along with any new ones.

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION

EURO
> USA

(Always select USA)

VEHICLE SELECTION

TYPE 5
TYPE 6
TYPE 7
TYPE 8
> TYPE 9
TYPE 10

VEHICLE SELECTION

BCM (CAN)
> NATS 5 (CAN) KEY
NATS 5 (CAN) PROX

ECU IDENTIFICATION

NATS 5 (CAN) KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

> PROGRAM KEYS

SECURITY CODE

_ _ _ _

PROGRAMMING KEYS

KEY PROGRAMMED

PRESS ENTER KEY

1 KEY -
Remove the key and re-insert and turn to the ON position. Wait 10 seconds - the key should now be programmed.

- -

2 or More KEYS -
For 2 or more keys follow this procedure:

> Insert next key. Turn ignition ON for 8 seconds. Then turn off and remove key.

> Repeat for up to 4 keys.

> After the final key has been registered, re-insert and turn ON the very first key you started with and remove after 8 seconds.
This is very important to close the cycle.

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INFINITI / NISSAN

TYPE 9 CAN

PROXIMITY TWIST IGNITION

FIFTH STEP - *Program PROX Remote*

Make sure the ignition is off.

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION

EURO
> USA

(Always select USA)

VEHICLE SELECTION

TYPE 5
TYPE 6
TYPE 7
TYPE 8
> TYPE 9
TYPE 10

IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION

ECU NO. CF40A

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

STEERING LOCK RELEASE
> REGISTER INTELI KEY
ERASE INTELI KEY

REGISTER INTELI KEY

INSERT PROGRAMMED
MECHANICAL KEY
IGNITION ON

PRESS ENTER KEY

Insert an emergency key, that you have already programmed into the ignition and turn to the ON position.

REGISTER INTELI KEY

Press the LOCK button on the PROX Remote.
0nly press the Lock Button for a half second. If you hold down the Lock button longer waiting for a response of some type the procedure will fail.
If this happens you need to repeat this step and vary your timing until the RKE is stored.

REGISTER INTELI KEY

REMOTE STORED

PRESS ENTER KEY

To register more PROX Remotes, press the ENTER button and Select REGISTER INTELI KEY.

Up to 4 PROX Remotes can be programmed into the vehicle.

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

INFINITI / NISSAN PROX TYPE 10

(part of ADS-159)

Use when the Applications Guide Lists Nissan Type 10

(Optional Software on some TCODE Units)

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN PROX

Type 10
Push Button

General Characteristics

PUSH START
BUTTON IGNITION

PROX REMOTE
with Chip

Emergency Key
has No Chip

There are 4 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle's memory.

2 - Convert BCM Code to PIN.

3 - Release Steering Lock mechanism.

4 - Program Prox Remote.

A few very important ground rules to always follow when using TYPE 10 are :

A - Make sure to have only 1 Prox inside the car at any time during programming. Keep all others at least 10 feet away from the car.

B - If you already have a working PROX you still need to follow the all the procedures start to finish.
However, You must NOT have the already programmed PROX inside the car when performing the Steering Lock Release.

The following pages will explain the procedure step-by-step.

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI-NISSAN Factory PROX & Keys

285E3-JK600
2007 G35 4-Door Models
PROX Remote

285E3-JA000
2007 Altima Model
PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

HO564-JA00A
2007 G35 4-Door Models
2007 Altima Model
Emergency Key
for PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

Also known as "Intelligent Key System"

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Vehicle Components

There are 4 different electronic parts to the Infiniti / Nissan Vehicle.

1) The car has a “PUSH” Button to start the engine instead of a mechanical ignition.

The PUSH Button ignition has four position: OFF, ACC, ON & Start.

2) As part of the PROX system, there are “Access” buttons on the front door handles and on the rear hatch.

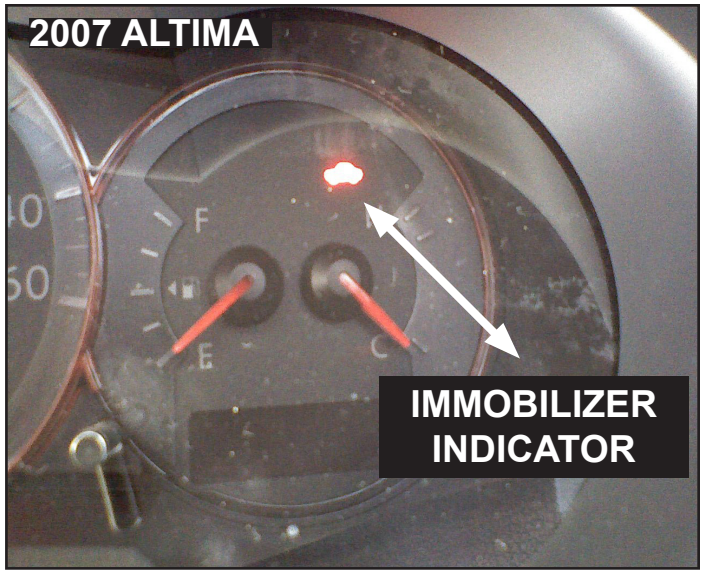
Once a PROX remote is detected close enough to the vehicle, the buttons can be used to lock or unlock the vehicle.

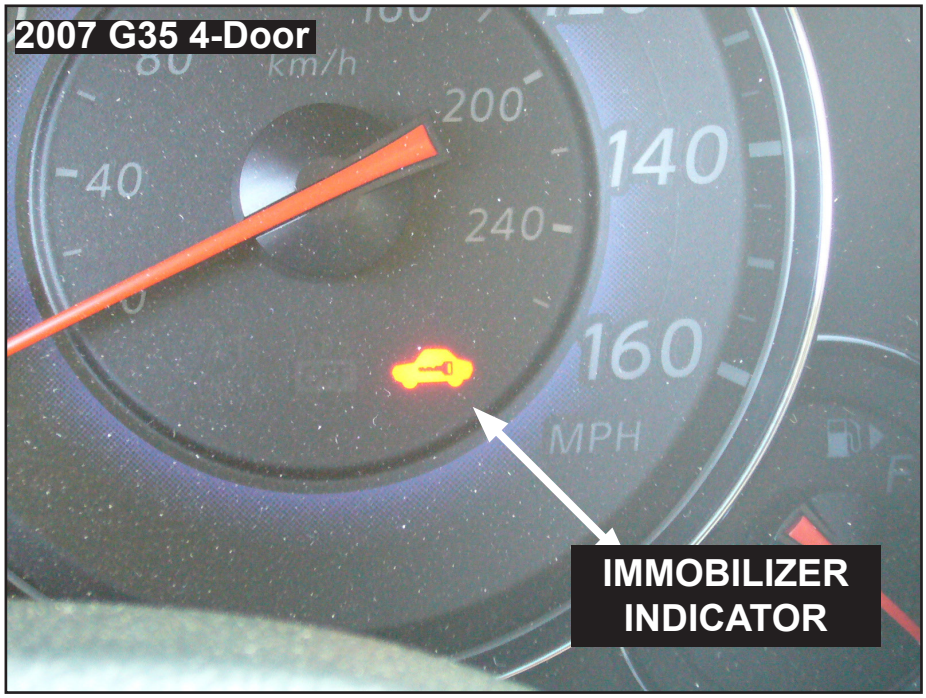
Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Vehicle Components

3) Looking into the instrument cluster you will see an Indicator light for the PROX system, also known as “Intelligent Key System”.

During programming, you will need to wait for the light to blink 5 times after inserting the PROX.





Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

Vehicle Components

4) The PROX Slot for the PROX Remote to slide into is located on the lower left side of the dash.

The PROX Remote is held into the Slot by 2 small openings on the side.

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START Button

LOCK Position

ACC Position

ON Position

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN PROX

Type 10
Push Button

FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

VEHICLE SELECTION
> BCM (CAN)
NATS 5 (CAN) PROX

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

IGNITION OFF
PRESS ENTER KEY

DIAGNOSTIC MENU
> READ BCM CODE
STEERING LOCK RELEASE

VEHICLE SELECTION
EURO
> USA
(Always select USA)

PLEASE WAIT TRYING TO COMMUNICATE

BCM

VEHICLE SELECTION
TYPE 5
TYPE 6
TYPE 7
TYPE 8
TYPE 9
> TYPE 10

ECU IDENTIFICATION
BCM (CAN)
PRESS ENTER KEY

BCM
XXXXX
PRESS ENTER KEY

On this step, you can leave the tester plugged in and continue to the next step.

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

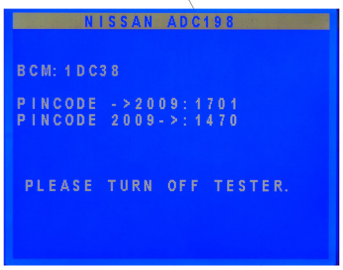
A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO
&
T-CODE PRO

NISSAN / INFINITI
BCM CONVERSION
DONGLE
Covers 2003-2012
OLD/NEW



Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

THIRD STEP - *Release Steering Lock*

VEHICLE SELECTION
TYPE 5
TYPE 6
TYPE 7
TYPE 8
TYPE 9
> TYPE 10

ECU IDENTIFICATION
BCM (CAN)
PRESS ENTER KEY

SECURITY CODE
_ _ _ _

VEHICLE SELECTION
> BCM (CAN)
NATS 5 (CAN) PROX

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

SECURITY CODE
X X X X
IS CODE CORRECT
OK=ENTER CLEAR=BACK

IGNITION OFF
PRESS ENTER KEY

DIAGNOSTIC MENU
READ BCM
> STEERING LOCK RELEASE

STEER LOCK RELEASE
SUCCESS
PRESS ENTER KEY

PLEASE WAIT TRYING TO COMMUNICATE

You will need the PINCODE, also known as the SECURITY CODE, from the converted BCM Code in step 2.

IMPORTANT →

IMPORTANT:

Turn the PRO OFF without disconnecting from the OBD.

Set the PRO aside.

Next:

Remove & then re-insert the PROX from the slot.

Go to Step 4 on next page.

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN PROX

Type 10
Push Button

FOURTH STEP - *Program PROX Remote*

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

SWITCH IGNITION ON

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

VEHICLE SELECTION

EURO
> USA

(Always select USA)

PLEASE WAIT
TRYING TO COMMUNICATE

SECURITY CODE

X X X X

IS CODE CORRECT
OK=ENTER CLEAR=BACK

VEHICLE SELECTION

TYPE 5
TYPE 6
TYPE 7
TYPE 8
TYPE 9
> TYPE 10

ECU IDENTIFICATION

NATS 5 (CAN) PROX

ECU NO. JK60A

PRESS ENTER KEY

REGISTER INTELI KEY

VEHICLE SELECTION

BCM (CAN)
> NATS 5 (CAN) PROX

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

REGISTER INTELI KEY

KEY PROGRAMMED

Make sure the PROX Remote is in the PROX Slot.

Press the START Button until it is in the "ON" position.

DIAGNOSTIC MENU

> REGISTER INTELI KEY

1. TURN THE PRO OFF

2. GO TO THE NEXT PAGE & FOLLOW THE PROCEDURE CAREFULLY...

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INFINITI / NISSAN PROX

Type 10
Push Button

FOURTH STEP - *Program PROX Remote*

Make sure to always have only 1 PROX in the car at a time.....
Keep any others at least 10 feet away.

If programming 1 PROX REMOTE ONLY:

> Remove the PROX from the slot. This will switch the car OFF.
> Re-insert the PROX & Press the START Button to the ON position.
> The theft light on the instrument cluster should blink 5 times and then go out.
> Remove the PROX again this will switch the car OFF.
> Re-insert the PROX into the slot.
> Press the START Button to the ON position. Wait 5 seconds. The theft light should now be out.
> Remove the PROX and test the RKE buttons on the PROX. (They should now work).
> Press the brake pedal and press the START button until the car starts. You are all finished.

If programming 2 OR MORE PROX REMOTES:

> Remove the PROX from the slot. This will switch the car OFF.
> Re-insert the PROX & Press the START Button to the ON position.
> The theft light on the instrument cluster should blink 5 times and then go out.
> Remove the PROX again this will switch the car OFF.
> Insert the NEXT PROX into the slot.
> Press the START Button to the ON position. The theft light on the instrument cluster should blink 5 times and then go out.
> If you have more PROX to program, up to 4 Max. repeat the last two steps for each PROX.
> The final step is to Insert the 1st PROX you started with & Press the START But ton to the ON position. Wait 5 seconds. The theft light should now be out.
> Remove the PROX and test the RKE buttons on each PROX. (They should now work).
> Press the brake pedal and press the START button until the car starts. You are all finished.

NOTE: If the PROX remotes did not program - you must start over from the beginning.

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

INFINITI / NISSAN TYPE 12

(part of ADS-159)

Use when the applications guide lists TYPE 12

(Optional Software on some TCODE Units)

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INFINITI / NISSAN PROX

Type 12
Push Button

General Characteristics

PUSH START BUTTON IGNITION

PROX REMOTE with Chip

Emergency Key has No Chip

There are 5 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle's memory.

2 - Convert BCM Code to PIN Code using Nissan SuperCode software.

3 - Release Steering Lock mechanism.

4 - Program new and/or existing Transponder ID's in the Prox Remotes.

5 - Program Prox Remote(s).

A few very important ground rules to always follow when using TYPE 12 are :

A - Make sure to have only 1 Prox inside the car at any time during programming. Keep all others at least 10 feet away from the car.

B - If you already have a working PROX you still need to follow the all the procedures However, You must NOT have the already programmed PROX inside the car when performing the Steering Lock Release.

The following pages will explain the procedure step-by-step.

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INFINITI Factory PROX & Keys

'06-'07 M35 / M45 Models

HO564-JA00A
'06-'08 M35 / M45 Models
Emergency Key
for PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

'06-'07 M35 / M45 Models

285E3-EH10D
'06-'08 M35 / M45 Models
PROX Remote

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

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Vehicle Components

> The car has a “PUSH” Button to start the engine instead of a mechanical ignition.

The PUSH Button ignition has four position: OFF, ACC, ON & Start.

> The OBD 2 Port is located on the lower left side of the dash, near the Hood release.

>During programming, you will watch for the light to blink 5 times.

‘06-’08 M35 / M45

> The PROX Remote Key Slot is located on the lower left side of the dash.

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START Button

2006 - 2008 M35 / M45

LOCK Position

ACC Position

ON Position

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INFINITI / NISSAN PROX

Type 12
Push Button

FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

DIAGNOSTIC MENU
#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

VEHICLE SELECTION
> INFINITI
JAGUAR
LINCOLN
MERCURY
MITSUBISHI

PLEASE WAIT
TRYING TO COMMUNICATE

BCM SERIAL NUMBER
4B892
(This is an example)
PRESS ENTER KEY

VEHICLE SELECTION
TYPE 8
TYPE 9
TYPE 10
TYPE 11
> TYPE 12
NISSAN 2009

ECU IDENTIFICATION
NATS I-KEY
PRESS ENTER KEY

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

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SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

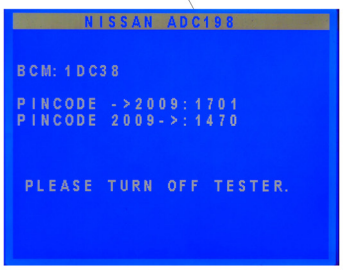
A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO
&
T-CODE PRO

NISSAN / INFINITI
BCM CONVERSION
DONGLE
Covers 2003-2012
OLD/NEW



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THIRD STEP - *Release Steering Lock*

VEHICLE SELECTION

> INFINITI
JAGUAR
LINCOLN
MERCURY
MITSUBISHI

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
> TYPE 12
NISSAN 2009

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION

NATS I-KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

SWITCH HAZARD LIGHTS ON

INSERT KEY

PRESS ENTER KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

SECURITY CODE

_ _ _ _

SECURITY CODE

4 6 8 2

IS CODE CORRECT
OK=ENTER CLEAR=BACK

STEER LOCK RELEASE

PRESS 'START' BUTTON

DID YOU HEAR STEERING COLUMN CLICK

PRESS ENTER KEY

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

INFINITI / NISSAN PROX

Type 12
Push Button

FOURTH STEP - *Program Chip in PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

NOTE KEY INSERTED
IS KEY #1

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

You should have the first Prox Remote in the Slot.

If programming more than one - did you mark them, so you would not to get them confused with one another?

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEY

DO YOU WANT TO
PROGRAM MORE KEYS

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

PROGRAM KEY

INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEY

INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

PROGRAM KEY

CHECK ENGINE STARTS
THEN PROCEED
NEXT STEP

PRESS ENTER KEY

The above steps must be followed even though they are repeated. The vehicle will only learn the primary Prox Remote after it has been in the Learning Slot 3 times.

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INFINITI / NISSAN PROX

Type 12
Push Button

FIFTH STEP - *Program Wireless for PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

PROGRAM RKE

SWITCH IGNITION OFF

PRESS ENTER KEY

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM RKE

INSERT PROGRAMMED
I - KEY INTO SLOT

SWITCH IGNITION ON

PRESS ENTER KEY

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

SWITCH IGNITION OFF
REMOVE I - KEY
FROM SLOT

PRESS RKE LOCK BUTTON
FOR HALF SECOND AND
RELEASE

This is very important, only press the Lock Button for a half second. If you hold down the Lock button longer waiting for a response of some type the procedure will fail.
If this happens you need to repeat this step and vary your timing until the RKE is stored.

SWITCH IGNITION OFF
REMOVE I - KEY
FROM SLOT

PRESS RKE LOCK BUTTON
FOR HALF SECOND AND
RKE STORED
PRESS ENTER KEY

The RKE is stored and programmed when the "RKE STORED" (highlighted) line appears.

PROGRAM RKE

DO YOU WANT TO
PROGRAM MORE RKE

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

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Optional STEP - *Erase Existing PROX Remote's*

VEHICLE SELECTION

> INFINITI
JAGUAR
LINCOLN
MERCURY
MITSUBISHI

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
> TYPE 12
NISSAN 2009

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

ECU IDENTIFICATION

NATS I-KEY

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

ERASE RKE

SWITCH IGNITION ON

PRESS ENTER KEY

ALL existing Prox Remotes that are not programmed back into the vehicle will be deleted.

PLEASE WAIT
TRYING TO COMMUNICATE

ERASE RKE

PROCEDURE COMPLETE

PRESS ENTER KEY

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

U.S. Patent #7315238

NISSAN 2009

(ADS-169)

Use when the applications guide lists NISSAN 2009 By System or By Vehicle

(Optional Software on some TCODE Units)

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MVP & TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

NISSAN 2009

- What You Need To Use -

MVP & TCODE PRO

+

G–Tan

+

ADC151 or 250

OR

+

ADC-198

+

ADC151 or 250

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

HAZARDS ON / IGNITION OFF
PRESS ENTER KEY

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

ECU IDENTIFICATION
NATS I-KEY
PRESS ENTER KEY

VEHICLE SELECTION
TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION	
EX35	370Z
FX35 / FX50	ALTIMA
G37	ALTIMA HYBRID
M35 / M45	ARMADA
QX56	MAXIMA
(select your model)	

DIAGNOSTIC MENU
#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

BCM SERIAL NUMBER
4B892
(This is an example)
PRESS ENTER KEY

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

THIRD STEP - *Release Steering Lock*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

ENSURE ALL DOORS ARE CLOSED

INSERT KEY

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

STEER LOCK RELEASE

DID YOU HEAR STEERING COLUMN CLICK

X ✔

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

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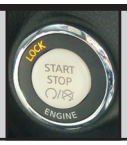

FOURTH STEP - *Program (I-KEY) PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

REGISTER INTELI KEY

WAIT FOR CHIMES TO STOP

PRESS ENTER KEY

NOTE KEY INSERTED IS KEY #1

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

PRESS ENTER KEY

SECURITY CODE

4 6 8 2

(example)

X ✔

On some vehicles you will hear 3 chimes from the dash.

Just wait about 8 seconds, before you continue.

Switch Ignition ON. Make sure it is switched to “ON” - not “ACC”.

You should have the first Prox Remote in the Slot.

If programming more than one - did you mark them, so you would not to get them confused with one another?

REGISTER INTELI KEY

PLEASE WAIT

REGISTER INTELI KEY

REMOVE KEY: #1

PRESS ENTER KEY

REGISTER INTELI KEY

KEYS NOT AVAILABLE WILL BE DELETED

PRESS ENTER KEY

REGISTER INTELI KEY

REMOVE KEY: #1

PRESS ENTER KEY

REGISTER INTELI KEY

DO YOU WANT TO PROGRAM MORE KEYS

X ✔

REGISTER INTELI KEY

RE- INSERT KEY: #1

PRESS ‘START’ BUTTON TO SWITCH IGNITION ON

PRESS ENTER KEY

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

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FOURTH STEP - *Program (I-KEY) PROX Remote*

continued . . .

REGISTER INTELI KEY

INSERT KEY: #1

PRESS 'START' BUTTON
TO SWITCH IGNITION ON

PRESS ENTER KEY

REGISTER INTELI KEY

WAIT FOR CHIMES
TO STOP

PRESS ENTER KEY

REGISTER INTELI KEY

SWITCH IGNITION OFF

SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

REGISTER INTELI KEY

START ENGINE TO
COMPLETE PROCEDURE

PRESS ENTER KEY

Your done, check your work.

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

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FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

ECU IDENTIFICATION

NATS I-KEY

PRESS ENTER KEY

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION

EX35	370Z
FX35 / FX50	ALTIMA
G37	ALTIMA HYBRID
M35 / M45	ARMADA
QX56	MAXIMA

(select your model)

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

BCM SERIAL NUMBER

4B892

(This is an example)

PRESS ENTER KEY

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

THIRD STEP - *Release Steering Lock*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

ENSURE ALL DOORS
ARE CLOSED

INSERT KEY

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

STEER LOCK RELEASE

DID YOU HEAR STEERING
COLUMN CLICK

X ✔

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

MVP & TCODE - *PRO* - Powered by *ADVANCED DIAGNOSTICS USA*

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

FOURTH STEP - *Program (I-KEY) PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

PRESS ENTER KEY

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

You should have the first Prox Remote in the Slot.

If programming more than one - did you mark them, so you would not to get them confused with one another?

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

REGISTER INTELI KEY

PLEASE WAIT

REGISTER INTELI KEY

REMOVE & REINSERT KEY

PRESS 'START' BUTTON TO SWITCH IGNITION ON

SECURITY INDICATOR SHOULD FLASH 5 TIMES

PRESS ENTER KEY

If the Security Indicator, which is located in the Instrument Cluster does not Flash 5 times - you may have to start over from the beginning.

REGISTER INTELI KEY

DO YOU WANT TO PROGRAM MORE KEYS

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

Remove the Prox Remote one more time and re-insert it.

REGISTER INTELI KEY

START ENGINE TO COMPLETE PROCEDURE

Your done, check your work.

PRESS ENTER KEY

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

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FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN

ECU IDENTIFICATION

NATS HYBRID I-KEY

PRESS ENTER KEY

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION

370Z
ALTIMA
ALTIMA HYBRID
ARMADA
MAXIMA
MURANO

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

BCM SERIAL NUMBER

4B892

(This is an example)

PRESS ENTER KEY

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

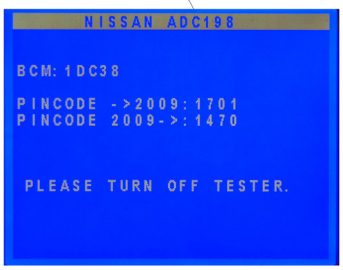
A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW



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THIRD STEP - *Release Steering Lock*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

ENSURE ALL DOORS
ARE CLOSED

INSERT KEY

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

STEER LOCK RELEASE

DID YOU HEAR STEERING
COLUMN CLICK

X ✔

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

FOURTH STEP - *Program (I-KEY) PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

PRESS ENTER KEY

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

You should have the first Prox Remote in the Slot.

If programming more than one - did you mark them, so you would not to get them confused with one another?

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

REGISTER INTELI KEY

PLEASE WAIT

REGISTER INTELI KEY

REMOVE & REINSERT KEY

PRESS 'START' BUTTON TO SWITCH IGNITION ON

SECURITY INDICATOR SHOULD FLASH 5 TIMES

PRESS ENTER KEY

REGISTER INTELI KEY

DO YOU WANT TO PROGRAM MORE KEYS

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

REGISTER INTELI KEY

START ENGINE TO COMPLETE PROCEDURE

PRESS ENTER KEY

Your done, check your work.

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

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FIRST STEP - *Read BCM Code*

VEHICLE SELECTION

LINCOLN
MERCURY
MITSUBISHI
> NISSAN

ECU IDENTIFICATION

NATS KEY

PRESS ENTER KEY

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION

MURANO
PATHFINDER
ROQUE
QUEST
SENTRA
(select system)

DIAGNOSTIC MENU

#1. BCM READ
#2. PROGRAM KEY

VEHICLE SELECTION

> MECHANICAL - KEY
> I-KEY

BCM SERIAL NUMBER

4B892

(This is an example)

PRESS ENTER KEY

SWITCH IGNITION ON

PRESS ENTER KEY

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NISSAN 2009

NON PROX

D SYSTEM

SECOND STEP - *Program Key*

VEHICLE SELECTION
TYPE 8
TYPE 9
TYPE 10
TYPE 11
TYPE 12
> NISSAN 2009

DIAGNOSTIC MENU
#1. BCM READ
#2. PROGRAM KEY

PROGRAM KEY
DO YOU WANT TO PROGRAM MORE KEYS
X ✔

VEHICLE SELECTION
MURANO
PATHFINDER
ROQUE
QUEST
SENTRA
(select vehicle)

NOTE KEY INSERTED
IS KEY #1
MAX. 4 KEYS ALLOWED
SWITCH IGNITION ON
PRESS ENTER KEY

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

VEHICLE SELECTION
> MECHANICAL - KEY
> I-KEY

SECURITY CODE				
_ _ _ _				
1	2	3	4	5
6	7	8	9	10

PROGRAM KEY
SWITCH IGNITION OFF
REMOVE KEY
PRESS ENTER KEY

ECU IDENTIFICATION
NATS KEY
PRESS ENTER KEY

SECURITY CODE
4 6 8 2
(example)
X ✔

PROGRAM KEY
INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR SHOULD FLASH 5 TIMES
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

PROGRAM KEY
SWITCH IGNITION OFF
REMOVE KEY
PRESS ENTER KEY

PROGRAM KEY
START ENGINE TO COMPLETE PROCEDURE
Your done, check your work.
PRESS ENTER KEY

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FIRST STEP - *Read BCM Code*

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

VEHICLE SELECTION
TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

ECU IDENTIFICATION
NATS E-KEY
PRESS ENTER KEY

VEHICLE SELECTION	
EX35	370Z
FX35 / FX50	ALTIMA
G37	ALTIMA HYBRID
M35 / M45	ARMADA
QX56	MAXIMA
(select your model)	

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION
MECHANICAL - KEY
> I - KEY

DIAGNOSTIC MENU
#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER E KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

HAZARDS ON / IGNITION OFF
PRESS ENTER KEY

BCM SERIAL NUMBER
4B892
(This is an example)
PRESS ENTER KEY

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SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

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THIRD STEP - *Release Steering Lock*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER E KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

SECURITY CODE

_ _ _ _

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

SECURITY CODE

4 6 8 2

IS CODE CORRECT
OK=ENTER CLEAR=BACK

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

PRESS 'START' BUTTON

DID YOU HEAR STEERING COLUMN CLICK

PRESS ENTER KEY

STEER LOCK RELEASE

SWITCH HAZARD LIGHTS ON

INSERT KEY

(You don't need to insert key)

PRESS ENTER KEY

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

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FOURTH STEP - *Program Chip in Emerg Key*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER E KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM KEY

INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

NOTE KEY INSERTED
IS KEY #1

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

Turn off the Emergency Key one more time and turn it back on.

If programming more than one - did you mark them, so you would not to get them confused with one another?

PROGRAM KEY

DO YOU WANT TO
PROGRAM MORE KEYS

X ✔

PROGRAM KEY

START ENGINE TO
COMPLETE PROCEDURE

PRESS ENTER KEY

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

Your done, check your work.

SECURITY CODE

4 6 8 2

(example)

X ✔

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

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FIFTH STEP - *Program Wireless for PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER E KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

PROGRAM RKE

PLEASE WAIT

PRESS RKE
FOR 1 SECOND

RKE STORED

Your done, check your work.

PROGRAM RKE

SWITCH IGNITION ON
WITH THE E- KEY
CORRESPONDING TO
THE RKE

PRESS ENTER KEY

The RKE is stored and programmed when the "RKE STORED" (highlighted) line appears.

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM RKE

DO YOU WANT TO
PROGRAM MORE RKE

X ✔

PROGRAM RKE

PLEASE WAIT

PRESS RKE
FOR 1 SECOND

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

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INFINITI / NISSAN PROX F

START BUTTON

FIRST STEP - *Read BCM Code*

Insert the new PROX Remote into the PROX Slot.

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION

> INFINITI
JAGUAR
LINCOLN
MERCURY
MITSUBISHI

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

VEHICLE SELECTION

TYPE 8
TYPE 9
TYPE 10
TYPE 11
TYPE 12
> NISSAN 2009

PLEASE WAIT
TRYING TO COMMUNICATE

BCM SERIAL NUMBER

4B892

(This is an example)

PRESS ENTER KEY

VEHICLE SELECTION

EX35	370Z
FX35 / FX50	ALTIMA
G37	ALTIMA HYBRID
M35 / M45	ARMADA
QX56	MAXIMA

(select your model)

ECU IDENTIFICATION

NATS I-KEY

PRESS ENTER KEY

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INFINITI / NISSAN PROX F

START BUTTON

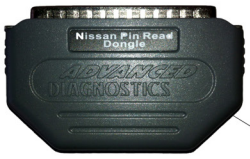
SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....



ADC-198 DONGLE

FOR MVP PRO & T-CODE PRO

NISSAN / INFINITI BCM CONVERSION DONGLE Covers 2003-2012 OLD/NEW

INFINITI / NISSAN PROX F

START BUTTON

THIRD STEP - *Release Steering Lock*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

SWITCH HAZARD LIGHTS ON

INSERT KEY

PRESS ENTER KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number. If not - turn them on.

Insert the Prox Remote into the slot.

SECURITY CODE

_ _ _ _

SECURITY CODE

4 6 8 2

IS CODE CORRECT
OK=ENTER CLEAR=BACK

STEER LOCK RELEASE

PRESS 'START' BUTTON

DID YOU HEAR STEERING COLUMN CLICK

PRESS ENTER KEY

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

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INFINITI / NISSAN PROX F

START BUTTON

FOURTH STEP - *Program Chip in PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

NOTE KEY INSERTED
IS KEY #1

MAX. 4 KEYS ALLOWED

SWITCH IGNITION ON

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

You should have the first Prox Remote in the Slot.

If programming more than one - did you mark them, so you would not to get them confused with one another?

SECURITY CODE

– – – –

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEY

DO YOU WANT TO
PROGRAM MORE KEYS

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

PROGRAM KEY

INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

PROGRAM KEY

SWITCH IGNITION OFF

REMOVE KEY

PRESS ENTER KEY

PROGRAM KEY

INSERT KEY: #1
SWITCH IGNITION ON
SECURITY INDICATOR
SHOULD FLASH 5 TIMES

PRESS ENTER KEY

PROGRAM KEY

CHECK ENGINE STARTS
THEN PROCEED
NEXT STEP

PRESS ENTER KEY

The above steps must be followed even though they are repeated. The vehicle will only learn the primary Prox Remote after it has been in the Learning Slot 3 times.

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INFINITI / NISSAN PROX F

START BUTTON

FIFTH STEP - *Program Wireless for PROX Remote*

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY
#4. ERASE RKE FUNCTIONS
#5. PROGRAM RKE FUNCTIONS

PROGRAM RKE

SWITCH IGNITION OFF

PRESS ENTER KEY

PLEASE WAIT
TRYING TO COMMUNICATE

PROGRAM RKE

INSERT PROGRAMMED
I - KEY INTO SLOT

SWITCH IGNITION ON

PRESS ENTER KEY

Switch Ignition ON. Make sure it is switched to "ON" - not "ACC".

SWITCH IGNITION OFF
REMOVE I - KEY
FROM SLOT

PRESS RKE LOCK BUTTON
FOR HALF SECOND AND
RELEASE

This is very important, only press the Lock Button for a half second. If you hold down the Lock button longer waiting for a response of some type the procedure will fail.

SWITCH IGNITION OFF
REMOVE I - KEY
FROM SLOT

PRESS RKE LOCK BUTTON
FOR HALF SECOND AND
RKE STORED
PRESS ENTER KEY

The RKE is stored and programmed when the "RKE STORED" (highlighted) line appears.

PROGRAM RKE

DO YOU WANT TO
PROGRAM MORE RKE

X ✔

If you are only programming 1 Prox Remote - tap the **X**.

If you have more - tap the ✔ symbol.

Your done, check your work.

NOTE:
If you are having problems programming Prox Remotes on any Infiniti or Nissan remember to always check that you are using the right Remote for the Vehicle and that you have the right year of the vehicle.

Check the 10th digit from the left on the 17 digit VIN plate for the year.

Also - You can always start over from the beginning at Steering Lock Release and move forward through the sequences.

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MVP - TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

SPECIAL PROGRAMMING INSTRUCTIONS FOR 2011-2012 NISSAN LEAF

285E3-1KMOD
PROX Remote

285E3-1KMOA
PROX Remote

FCC#CWTWB1U808

Some parts numbers have changed. Always check with the dealer and by VIN for exact match.

On the NISSAN LEAF System there are 4 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle's memory.

2 - Convert BCM Code to PIN Code.

3 - Release Steering Lock mechanism.

4 - Program all new and existing PROX Keys.

A few very important ground rules to always follow when using these special instructions for LEAF.

A - If you already have a working PROX you still need to follow the all the procedures
However, You must NOT have the already programmed PROX inside the car
when performing the Steering Lock Release.

The following pages will explain the procedure step-by-step.

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SPECIAL SYSTEM

NISSAN LEAF

START BUTTON

FIRST STEP - *Read the BCM*

On the LEAF there is no Learning Slot.

The START button is the Learning area.

VEHICLE SELECTION
BY VEHICLE
BY SYSTEM

ECU IDENTIFICATION
NATS I-KEY
PRESS ENTER KEY

VEHICLE SELECTION
TYPE A
TYPE B
TYPE C
TYPE D
TYPE E

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

Use your Smart Card

DIAGNOSTIC MENU
#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

VEHICLE SELECTION
AUS
EURO
USA
PINCODE CONVERTOR

HAZARDS ON / IGNITION OFF
PRESS ENTER KEY

BCM SERIAL NUMBER
FBA00
(This is an example)
PRESS ENTER KEY

VEHICLE SELECTION
TYPE 8
TYPE 9
TYPE 10
TYPE 11
> NISSAN 2009

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

USE
ADC-198 DONGLE
TO CONVERT THE BCM CODE
TO A 4-DIGIT PIN #.

2011-2012
LEAF WILL USE THE 2009>
CONVERSION.

MVP & TCODE - *PRO* - Powered by *ADVANCED DIAGNOSTICS USA*

Advanced Diagnostics USA Manual for MVP & TCODE - Copyright 2013

SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

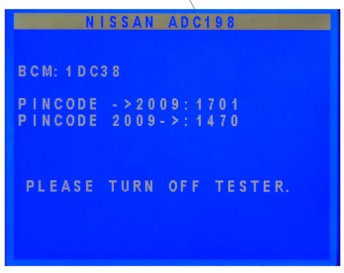
A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO
&
T-CODE PRO

NISSAN / INFINITI
BCM CONVERSION
DONGLE
Covers 2003-2012
OLD/NEW



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SPECIAL SYSTEM

NISSAN LEAF

START BUTTON

THIRD STEP - *Steering Lock Release*

✔ We have Read the BCM .

✔ We converted the BCM ID to the PIN code USING THE ADC-198 DONGLE.

✔ The next step is to release the steering lock using the PRO.

DIAGNOSTIC MENU

#1. BCM READ
#2. STEERING RELEASE
#3. REGISTER I-KEY

The Hazard Lights should still be on from when you 'Read' the BCM Number.

If not - turn them on.

STEER LOCK RELEASE

KEYS NOT AVAILABLE
WILL BE DELETED

PRESS ENTER KEY

If there are any existing Prox Remotes that are not programmed back into the vehicle they will be deleted.

STEER LOCK RELEASE

ENSURE ALL DOORS ARE CLOSED

INSERT KEY

PRESS ENTER KEY

On the LEAF there is no Learning Slot.

The START button is the Learning area.

SECURITY CODE

_ _ _ _

1	2	3	4	5
6	7	8	9	10

SECURITY CODE

4 6 8 2

(example)

X ✔

STEER LOCK RELEASE

DID YOU HEAR STEERING COLUMN CLICK

X ✔

On the LEAF models the Steering Lock release is not audible. You don't have to hear it work - press the ✔ button to continue.

STEER LOCK RELEASE

SUCCESSFUL

PRESS ENTER KEY

✔ We have Read the BCM .

✔ We converted the BCM ID to the PIN code using ADC-198.

✔ We went through the procedure for the Steering Lock Release.

The NEXT and FINAL step is to program the Prox Fobs.

SEE NEXT PAGE

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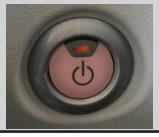
SPECIAL SYSTEM

NISSAN LEAF



START BUTTON

FOURTH STEP - *Program the Prox Remotes*

Make sure to always have only 1 PROX in the car at a time.....
Keep any others at least 10 feet away.

> Hold the 1st PROX that you want to PROGRAM up to the START /STOP BUTTON.

> Hold it up so that the buttons on the PROX Remote are facing you.

> Use the NISSAN LOGO end of the PROX to PRESS THE START/STOP BUTTON once briefly. (Press it only once & Do not hold it down!)

> The dashboard should illuminate and the SECURITY THEFT INDICATOR LIGHT on the dashboard should BLINK 5 TIMES.

If the dash does not light up this may be because you are trying to use an incorrect PROX part for this car. Check the part numbers as many "look" the same but are different.

> PRESS THE START/STOP BUTTON once again briefly. This should turn the vehicle to OFF.

> If you want to porgram more PROX remotes REPEAT the previous 3 steps with ADDITIONAL PROX remotes you want to program, (up to to 4 PROX fobs maximum).

> Hold the 1st. PROX & hold it up to the START/STOP button (again orient the PROX holding the Nissan emblem end close to the button).

> PRESS THE START/STOP BUTTON once and the dashboard should turn on.

> PRESS THE START/STOP BUTTON once again briefly. This should turn the vehicle to OFF.

Watch dashboard carefully during the NEXT STEP.....

> Hold the 1st. PROX up to the button and the press the LOCK (RKE) button on the PROX REMOTE ONCE. The car should lock and the security light on the dash should go solid. There should be a white "message box" in the center of the dash that says "I=KEY System Fault", this should blink 5 times and go out.

> Test PROX. You should be all finished.

NOTE: If the PROX remotes did not program - you must start over from the beginning.

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MVP - TCODE - *PRO*

Powered by *ADVANCED DIAGNOSTICS USA*

SPECIAL PROGRAMMING INSTRUCTIONS FOR TYPE 10 VEHICLES WITH NO PROGRAMMING SLOT

Always check with the dealer and by VIN for exact match on Nissan & Infiniti Prox Remotes.

On this System there are 4 main steps that must be carried out in precise order for success.

1 - Read BCM code from vehicle's memory.

2 - Convert BCM Code to PIN Code.

3 - Release Steering Lock mechanism.

4 - Program all new and existing PROX Keys.

Here are a few very important ground rules to always follow when using these special instructions.

> If you already have a working PROX you still need to follow the all the procedures

> You must NOT have the already programmed PROX inside the car when performing the Steering Lock Release.

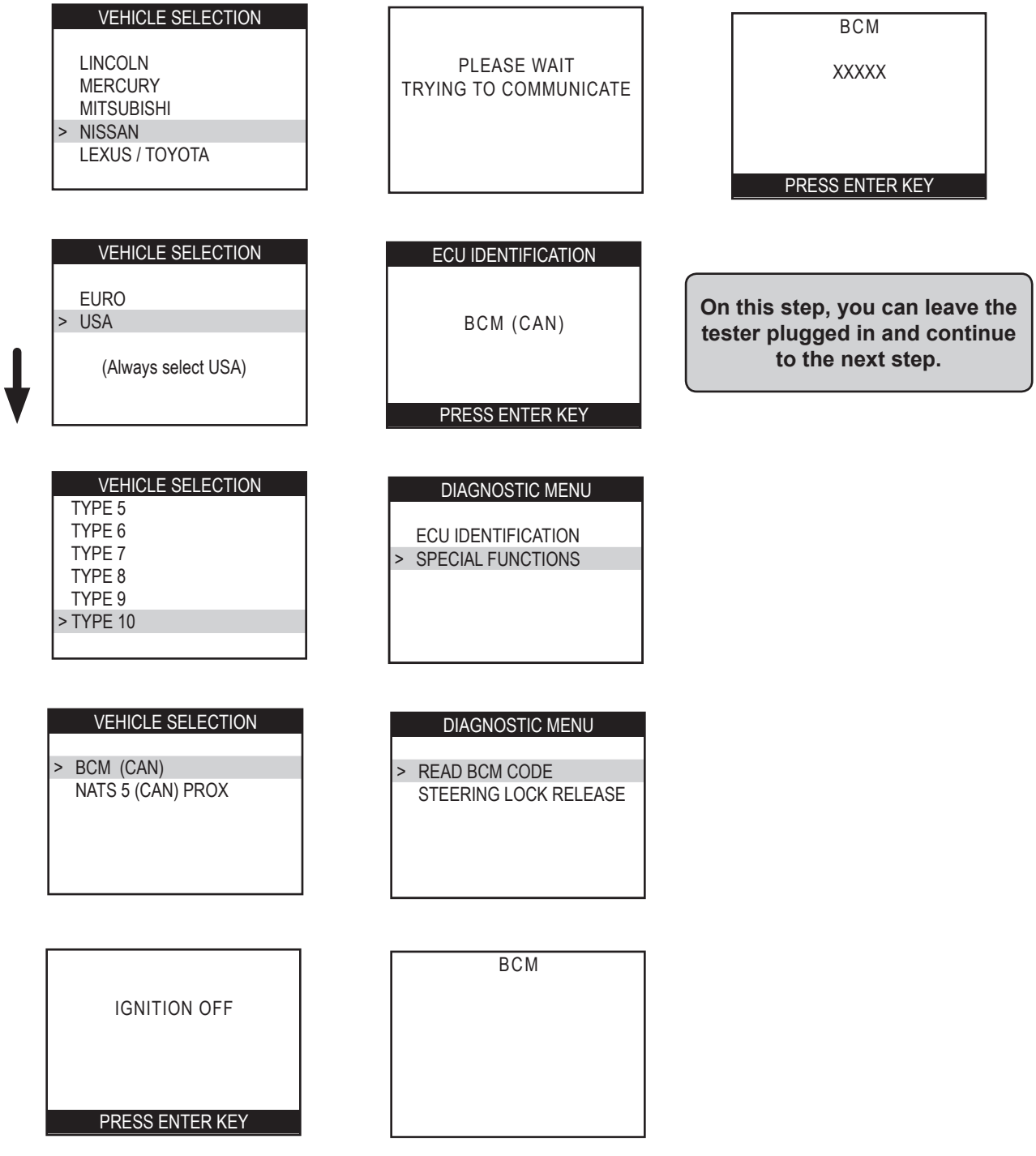
The following pages will explain the procedure step-by-step.

SPECIAL INSTRUCTIONS

NO PROGRAMMING SLOT TYPE 10

START BUTTON

FIRST STEP - *Read BCM Code*



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SECOND STEP - *Convert BCM Code*

Once you have the cars BCM serial number you can convert it into a pin using our CODEWIZARD PC software.

We also now have an optional conversion dongle that works with MVP PRO or T-Code Pro.

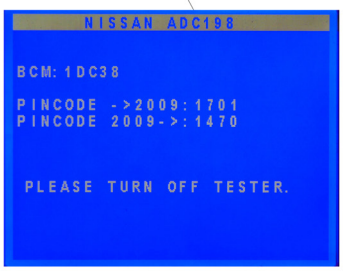
A friendly dealer (if you have one) can convert them for you if they are willing or yet another option is to join N.A.S.T.F. (see next page).

The fastest way of doing it is with the ADC-198. Shown here.....

ADC-198 DONGLE

FOR MVP PRO
&
T-CODE PRO

NISSAN / INFINITI
BCM CONVERSION
DONGLE
Covers 2003-2012
OLD/NEW



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SPECIAL INSTRUCTIONS

NO PROGRAMMING SLOT TYPE 10

START BUTTON

THIRD STEP - *Release Steering Lock*

VEHICLE SELECTION
TYPE 5
TYPE 6
TYPE 7
TYPE 8
TYPE 9
> TYPE 10

ECU IDENTIFICATION
BCM (CAN)
PRESS ENTER KEY

SECURITY CODE
_ _ _ _

VEHICLE SELECTION
> BCM (CAN)
NATS 5 (CAN) PROX

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

SECURITY CODE
X X X X
IS CODE CORRECT
OK=ENTER CLEAR=BACK

IGNITION OFF
PRESS ENTER KEY

DIAGNOSTIC MENU
READ BCM
> STEERING LOCK RELEASE

STEER LOCK RELEASE
SUCCESS
PRESS ENTER KEY

PLEASE WAIT TRYING TO COMMUNICATE

You will need the PINCODE, also known as the SECURITY CODE, from the converted BCM Code in step 2.

✔ We have Read the BCM .

✔ We converted the BCM ID to the PIN code using ADC-198.

✔ We went through the procedure for the Steering Lock Release.

The NEXT and FINAL step is to program the Prox Fobs.

SEE NEXT PAGE

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SPECIAL INSTRUCTIONS

NO PROGRAMMING SLOT TYPE 10

START BUTTON

FOURTH STEP - *Program the Prox Remotes*

> Hold the 1st PROX that you want to PROGRAM up to the START /STOP BUTTON.

> Hold it up so that the buttons on the PROX Remote are facing you.

> Use the Nissan / Infiniti Logo end of the PROX to PRESS THE START/STOP BUTTON once briefly. (Press it only once & do not hold it down)

> The dashboard should illuminate and the SECURITY THEFT INDICATOR LIGHT on the dashboard should BLINK 5 TIMES.

> PRESS THE START/STOP BUTTON once again briefly. This should turn the vehicle to OFF.

> Press the UNLOCK button on the PROX Remote once. The car locks should respond.

> If you want to program more PROX remotes REPEAT the previous 3 steps (up to to 4 PROX fobs maximum).

> Hold the 1st. PROX up to the START/STOP button (again orient the PROX holding the Nissan / Infiniti emblem end close to the button).

> PRESS THE START/STOP BUTTON once and the dashboard should turn on.

> PRESS THE START/STOP BUTTON once again. This should turn the vehicle to OFF.

> Hold the 1st. PROX up to the button & press the brake pedal on the car down and PRESS THE START/STOP BUTTON until the car starts.

> PRESS THE START/STOP BUTTON to turn the car to OFF.

> Open and Close the Drivers Door of the car. The Orange Key

indicator on the dash should blink five times and go out.

> Test PROX. You should be all finished.

Troubleshooting Tips:

1. If the PROX remotes did not program start over from the beginning.

2. If the dash does not light up when pressing & holding the PROX Remote up to the START/STOP BUTTON following a Steering Lock Release this may be because you are trying to use an incorrect PROX part for this car.
Check the part numbers as many "look" the same but are different.

MVP AND TCODE PRO

Powered by *ADVANCED DIAGNOSTICS USA*

2013
INFINITI - NISSAN

(ADS-197)

- 2013 Nissan ALTIMA
- 2013 Nissan PATHFINDER
- 2013 Infiniti JX-35

20-DIGIT PIN CODE IS REQUIRED.

(Optional software on TCODE PRO units)

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20-Digit Out-Code In-Code

PROX TYPE 13

OVERVIEW

MVP & TCODE PRO

or

U.S. Patent #7315238

+

PIN	*DONGLE*
ROLLING 20-DIGIT OUT-CODE / IN-CODE DEALER or NASTF ONLY	 **G**–Tan

Also Requires Smart Card

MVP & TCODE - *PRO* - Powered by *ADVANCED DIAGNOSTICS USA*

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2013 PROX KEYS

Always verify correct part number and application by VIN from a dealer.
Part numbers are often subject to change. There are some addtional part numbers not listed here depending on vehicle equipment. IE Power hatch etc.

OEM Part # 285E3-3TP5A	OEM Part # 285E3-3TP0A	OEM Part # 285E3-3JA5A	The E-Key does Not contain A transponder.

FCC ID: KR5S180144014

WARNING: Do NOT waste your time and or MVP TOKENS trying to program PROX fobs that might have been already used on another car!

> These new 2013 PROX keys “LOCK” to the car once programmed.

> They cannot be re-used on any other car.

> We recommend purchasing these keys from a trusted supplier to ensure they are in fact brand new when you buy them.

> When programming ALL existing programmed keys are erased so make sure to gather any existing keys that you want to work and have them all ready when programming.

> The maximum number of keys that the cars memory will hold is 4 total.

> The procedure shown here programs the PROX Fobs to start the car and operate the RKE. Make sure that the battery is good in the PROX remote.

> Ensure that the battery voltage on the vehicle is at least 12.2 volts when programming. Use a jump pack or jumper cables from a running car if you need to boost the voltage.

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20-Digit Out-Code In-Code

PROX TYPE 13

FIRST STEP - *Get 20-Digit Out-Code from Car*

VEHICLE SELECTION
LINCOLN
MERCURY
MITSUBISHI
> NISSAN
LEXUS / TOYOTA

VEHICLE SELECTION
AUS
EURO
USA
PIN CODE CONVERTOR
(Always Select USA)

VEHICLE SELECTION
TYPE 9
TYPE 10
TYPE 11
TYPE 12
> TYPE 13
NISSAN 2009

Use your Smart Card

HAZARDS ON / IGNITION OFF
PRESS ENTER KEY

Make sure to turn on the "Hazard" lights - also known as the Emergency Flashers.

Make sure the Ignition is off.

ECU IDENTIFICATION
Part No. 3TA0Cad
PRESS ENTER KEY

DIAGNOSTIC MENU
ECU IDENTIFICATION
> SPECIAL FUNCTIONS

DIAGNOSTIC MENU
> PROGRAM PROX
PRESS ENTER KEY

WARNING
ALL KEYS WILL BE ERASED
DO YOU WANT TO CONTINUE
X ✔

IMMOBILIZER RESET REQUEST
A064-C456-A235-4555-FFC3
20-Digit Out-Code
Use to obtain In-Code from
NASTF or DEALER
PRESS ENTER KEY

VERY IMPORTANT!

Once you have obtained the Out-Code from the car Do NOT disconnect the tester.

THE PRO MUST REMAIN CONNECTED UNTIL YOU OBTAIN A OUT-CODE (PIN CODE) FROM NISSAN.

If you have start over the Out-Code will change to a NEW Out-Code. Therefore It is absolutely necessary to stay connected until the Out-Code can be obtained.

Please Note:

We have displayed the Out-Code using dashes to make the 20-DIGIT code much easier to read.
For Example:
A064-C456-A235-4555-FFC3
Instead of
A064C456A2354555FFC3

NISSAN'S NASTF WEBSITE & NISSAN DEALERS DO NOT USE DASHES WHEN ENTERING THE CODE AND ENTER ALL CAPITAL LETTERS.

GO TO STEP 2 ON THE NEXT PAGE

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20-Digit Out-Code In-Code

PROX TYPE 13

SECOND STEP - *Obtain In-Code from NISSAN*

Security Professional Transaction Entry Form

Please enter the following information:

VIN :	ENTER VIN HERE
Security Professional Name :	ENTER YOUR NAME HERE
Customer Name :	ENTER YOUR CUSTOMERS NAME HERE
Name on the vehicle registration :	
License Plate number :	
State of License Plate :	Please select a state
LSID :	FTV45755
LSID Pass Code :	••••••••••
Product :	Immobilizer Reset Request
Immobilizer PIN :	12345678910FFFFFFFF What does this mean?

Caution: 20 character Pre-Pin is a rolling code. Do not disconnect the CONSULT from the vehicle until programming is completed.

Date and Time : 1/15/2013 11:21:20 PM

SUBMIT

VERY IMPORTANT:
ENTER ALL CAPITAL LETTERS.

If you have a valid N.A.S.T.F. Locksmith ID
Go to http://www.nissan-techinfo.com

Here is an example of what the NISSAN N.A.S.T.F. Portal looks like.
They offer several PAID options to help N.A.S.T.F. Participants obtain security codes.

This info is provided only to help guide and inform you about what is required to program 2013 Nissan/Infiniti vehicles at the time of this printing.

Please be advised:
AD Tech Support cannot help with obtaining Pin Codes or with the sign up process with N.A.S.T.F.

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INFINITI / NISSAN 2013

20-Digit Out-Code In-Code

PROX TYPE 13

THIRD STEP - *Steering lock Release*

ENTER IN-CODE

A064-C456-A235-4555-___

1	2	3	4	5
6	7	8	9	0

Use the touch screen to enter the IN-CODE that you obtained from NIssan.

Be careful to enter it Correctly...

ENTER IN-CODE

A064-C456-A235-4555-___

A	B	C	D	E
F	G	H	I	J

Use the Key Pad arrows to change the characters from numbers to letters.

ENTER IN-CODE

A064-C456-A235-4555-FFC3

Check to Enter
X to Go Back

X ✔

If you have entered the code correctly press ✔

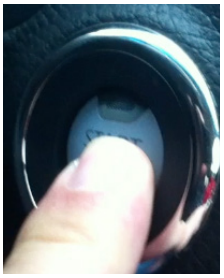
To go back press X

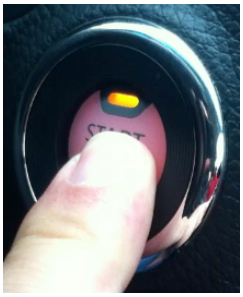
PROGRAM PROX

WARNING: DO NOT PRESS THE BRAKE PEDAL

PRESS & HOLD THE START / STOP BUTTON UNTIL THE IGNITION SWITCHES ON

PRESS ENTER





- Press & hold down the button as shown in the pictures above.
- Release the button once the dashboard lights up and the light on the button illuminates.
- This should take only a few seconds.
- Once it turns on do not switch it off until the PRO instructs you to.

GO TO THE NEXT STEPS ON THE NEXT PAGE TO COMPLETE PROGRAMMING

FOURTH STEP - *Program PROX Fobs*

PROGRAM PROX

PLEASE WAIT
* * * * * *

This should take about 5 Seconds.

PROGRAM PROX

PRESS START / STOP BUTTON TO SWITCH IGNITION TO OFF

PRESS ENTER KEY

DO NOT HOLD THE BUTTON DOWN

Simply press it firmly once and release it. The ignition should switch to OFF

There is no programming slot. The PROX are held up to the button as shown. Follow the instructions below carefully!

PROGRAM PROX

PRESS START / STOP BUTTON WITH THE LOGO END OF THE 1ST PROX
THE DASH SHOULD LIGHT UP & THE SECURITY LIGHT SHOULD BLINK 5 TIMES

PRESS ENTER KEY

DO NOT HOLD THE BUTTON DOWN

Simply press it firmly once and release it. The ignition should switch to OFF

- Make sure to use the logo end of the PROX as shown in the photo to press the Start/ Stop button as shown above.
- Press the button only once and do not hold it down.
- Watch for the security light to **blink 5 times**

- If the light does not blink try holding it up at a different angle if that doesn't work there is a problem with the PROX you are trying to use.

Continued on next page >

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FOURTH STEP - *Program PROX Fobs- cont'd*

PROGRAM PROX	**PRESS THE START / STOP BUTTON ONCE TO OFF.**
PRESS START / STOP BUTTON TO SWITCH IGNITION TO OFF	DO NOT HOLD IT DOWN!
PRESS ENTER KEY	

↓

PROGRAM PROX	Once again This should take about 5 Seconds.
PLEASE WAIT * * * * * *	

PROGRAM PROX	Press the √ if you have more PROX to program. Press X if you do not have more PROX to program.
DO YOU WANT TO PROGRAM MORE KEYS?	
X √	

> If you do not have any more PROX keys to program, continue to the next step.

> If you have more keys to program (up to 4 in total) follow the prompts on the PRO. It will have you repeat the last few steps and hold up the other PROX you want to program just like we did with the 1st PROX but the screen will say "hold up the "NEXT" PROX. You might want to number them so that you do not mix them up.

> It's important that the security light blink 5 times with each key as its accepted. If the light does not blink there is a problem.

Continued on next page >

FINAL STEP - *Exit the programming mode*

PROGRAM PROX

DO YOU WANT TO PROGRAM MORE KEYS?

X | √

Press the X on the screen.

PROGRAM PROX

PRESS THE BRAKE PEDAL & HOLD THE PROX UP TO THE START / STOP BUTTON. PRESS THE START/ STOP BUTTON ONCE & THE CAR SHOULD START

PRESS ENTER KEY

PROGRAM PROX

PRESS THE START / STOP BUTTON ONCE TO SWITCH THE IGNITION OFF

PROCEDURE COMPLETE

PRESS ENTER KEY

The dashboard should show the message in the photo above for a few seconds to confirm that the
KEY REGISTRATION IS COMPLETE.

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20-Digit Out-Code In-Code

PROX TYPE 13

TROUBLESHOOTING

PROGRAM PROX

INCORRECT ACCESS CODE

PRESS ENTER KEY

> The In-Code has not been accepted by the car.

> Disconnect and start over. You can't just go back you need to disconnect and start over from scratch.

> When holding up the PROX & pressing the START/ STOP Button once, the security light does ***not*** blink 5 times & the car sounds a quick series of beeps.

The PROX has not been accepted. Try holding it at a different angle if that doesn't work then either it's the wrong PROX part number for this system or it's a PROX that's "Locked" (Already programmed to another car.)

IMMOBILIZER RESET REQUEST

FFF-FFFF-FFFF-FFFF-FFFF

20-Digit Out-Code

Use to obtain In-Code from

NASTF or DEALER

PRESS ENTER KEY

>The Pro displays all FFFFFFFFFF's when requesting an Out-Code.

> Disconnect the car's battery and let it sit for 30 minutes.

> Then retry the procedure from the beginning.

Please be advised:

AD Tech Support <u>cannot</u> help with obtaining Pin Codes!

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